

==STATION RESPONSES==

compiled by PC Editor

Barones *	MW	SAE	2 weeks	cd+cass+pd	DT
Black Power	MW	SAE	5 weeks	lt+st+ph	DT
Blauwe Piraat *	MW	SAE	2 weeks	lt	DT
Daiwa *	MW	SAE	4 weeks	lt	DT
Zender Dialije	MW	SAE	3 weeks	lt+cass	DT
Zender Harry *	MW	SAE	2 weeks	lt+ph	DT
Zender Jannie	MW	SAE	4 weeks	ppc	DT
Ijsselstein *	MW	SAE	3 weeks	lt+pd	DT
Karel Doorman (B)	MW	SAE	3 weeks	lt	DT
Nova International *	MW	SAE	4 weeks	ppc	DT
Ohio Team	MW	SAE	3 weeks	ppc	DT
Oklahoma	MW	SAE	2 weeks	lt	DT
Oude Vrolijke Mijnwerker	MW	SAE	3 weeks	lt	DT
Pepper *	MW	SAE	3 weeks	lt+ph	DT
Tornado (B)	MW	SAE	2 weeks	cd	DT
Twentsche Echo	MW	SAE	4 weeks	lt	DT
UK2	MW	SAE	3 weeks	ppc	DT
Radio West	MW	SAE	2 weeks	lt+pd	DT
De Wreker	MW	SAE	8 weeks	ppc	DT
Channel Europe	SW	20 KR	9 weeks	lt+cd+info	PC
Crazy Wave Radio	SW	\$1	9 weeks	lt+cd+info	RP
Radio Delta (Ruurl)	SW	\$1	3 weeks	lt+cd+st	RP
Free Radio Service Holland	SW	\$1	6 weeks	lt+cd+info+other	PC
Radio Fusion International	SW	IRC	39 weeks	cd	CB
Radio Fusion Internatioanl	SW	IRC x 2	27 weeks	cd	FM
Radio Gemini	SW	SAE	4 weeks	lt+cd+st+sh+info	PC
International Music Radio	SW	IRC x 2	1 week	cd+pd	FM
Level 48	SW	\$1	10 weeks	lt+cd+info	RP
Radio London International	SW	\$1	4 weeks	lt+cd+ph	RP
Radio Mirage	SW	IRC x 2	4 weeks	lt+cd+st+info	FM
Radio Pamela	SW	Stamps	1 week	cd	CB
Radio Pamela	SW	\$1	1 week	cd	RP
Radio Perfect	SW	\$1	11 weeks	lt+sh	RP
Radio Popcorn	SW	IRC x 3	8 weeks	cd+info	FM
Radio Tornado	SW	IRC x 2	2 weeks	lt+cd+info	PC
Radio Select	SW	\$1	6 weeks	sh+ph	FM
Star Club Radio	SW	\$1	4 weeks	lt+cd+info	FM
Sunshine Radio	SW	\$1	4 weeks	lt+cd+ph	FM
Transatlantic Radio	SW	\$1	4 weeks	cd+info	RP
Weekend Music Radio	SW	Stamps	37 weeks	cd+lt+ph+info	CB
Weekend Music Radio	SW	IRC	30 weeks	cd+ps+info	FM
Weekend Music Radio	SW	\$1	1 YEAR	cd+info	RP
West German Pirale Organisation	SW	\$1	8 weeks	lt+cd	RP
World's Greatest Anorak Station	SW	\$1	12 weeks	lt+st+ph	RP

KEY

(DPRS)	station heard on 214 metres MW				
lt	forwarded by Dutch Pirate Radio Service	ppc	prepared QSL		
cd	letter	ps	poster	CB	Charles Bowman
st	QSL card	info	information	FM	Francis Mougenez
sh	slicker	pc	publicity card	RP	Ralf Pokar
ph	QSL sheet	cass	audio tape PC	DT	Derek Taylor
	photograph	pd	postcard	PC	Pirate Chat

PIRATE CHAT ADDRESS:

12 DORMAN ROAD, PRESTON, ENGLAND PR2 6AS

ISSUE No. 39/40 - JANUARY 1994

PIRATE CHAT

This issue features . . .

TECHNICAL TALK

RADIO AQUARIUS AND MY PART IN IT

FM FREE RADIO IN BRISTOL

CHRISTMAS AND NEW YEAR NEWS

The deadline for all contributions for the March issue of PIRATE CHAT is February 25th 1994

PIRATE CHAT

Bi-monthly Free Radio
News and Features

PIRATE CHAT MAGAZINE is published on a bi-monthly basis for world-wide distribution. We have readers all over the world as far away as the USA, South Africa, New Zealand and Australia.

PC usually contains around 30-40 packed pages with all sorts of news. In each issue, you can expect to find Free Radio news from FM, MW, SW, USA and much more, including special features. We believe that we are the ONLY publication to carry news from all bands on such a wide scale.

SUBSCRIPTION RATES

A sample copy costs £1.

A six month subscription costs £6.

A year subscription costs £10.

This money is acceptable in any currency but please make sure that all cheques, postal orders and eurocheques have the payee line left blank. Just fill in the amount of money to be paid but do not make the document payable to anybody. This ensures that we can easily put the money into our account.

ADVERTISING

Small non-profit making adverts can be placed in the magazine free of charge. Money making promotions will cost a small amount and for these, the editor should be contacted.

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WELCOME to 1994 and the first issue in the New Year of Pirate Chat magazine! Apologies for the late distribution of this issue but if you only knew how busy we have been here just lately, you would certainly understand. Although Free Radio and Pirate Chat is very important to us, other things take up a lot of time as well!

Well, what is there this time around? All of the usual features can be found with a few additional such as the FM Free Radio in Bristol article, very kindly written by our good friend, Terry Starr. If you take a look at the SW Logs at a Glance section, you will see page after page of what has been heard on the bands over the last couple of months or so. Christmas was especially busy with just under 200 logs for the full festive season. Quite amazing! It was great to hear so much activity at the end of last year and I for one sure hope that the trend continues throughout the whole of 1994. However, on talking to various people, with spring time on the way, conditions on 48 metres could be set for a dive which could leave listeners straining their ears to hear stations. Propagation though is a very strange thing and nobody can ever be too sure as to exactly what will happen. All I can say is keep on tuning the bands and hope that the conditions stay as they have been recently and if possible, even better.

1994 is set to be a good year for me as the editor of PC. This summer I am going to be visiting the Netherlands, following my marvellous visit to the country last year. I should be visiting many pirate stations and staying for about three times longer than last time. I cannot wait to experience the Free Radio scene and everything else in this fine country and look forward to August!

Also this year, Chris Feeny of European Pirate Radio who writes for Pirate Chat, is going to be visiting England and the magazine HQ. This also should be quite an experience and altogether, 1994 looks like being a good year.

I would now just like to say a few words about our good friends at Free DX. Sadly, this publication has recently ceased after three years of giving Free Radio enthusiasts a reliable news service. I hope that whatever the editor does in future will be successful and that he will continue to keep in touch with the pirate scene and will not drift away into obscurity. ■

FM NEWS FROM AROUND THE UK

ALL NEWS FROM NOVEMBER / DECEMBER

WEST MIDLANDS

89.90	SANGAM
92.00	APNA
94.20	SKYLINE
95.20	LINK
99.45	RHYTHM
100.70	EXILE
101.75	POWAH
102.00	ELITE
103.65	PCRL
105.25	METRO
105.60	JOY
106.00	CULTURE
106.30	FRONTLINE
106.65	DANCE
107.20	DUBB

NOTTINGHAMSHIRE

87.90	HEATWAVE
96.90	CASTLE
97.30	HORIZON
97.50	CITY
100.70	FUTURE
105.70	CENTRE
105.80	DANCE POWER
105.90	JOY
106.30	BREEZE
106.50	BUZZ
107.00	PULSE
107.70	GLOBE

SOUTH YORKSHIRE

88.10	ASIAN RADIO LINK
99.90	BRITANNIA
100.70	FRESH
105.60	FANTASY
107.20	SHEFFIELD COMMUNITY

WEST YORKSHIRE

90.30	GENESIS
94.65	ASIAN AIR
99.90	BRITANNIA
99.90	CURFEW
99.90	DREAM
104.60	SUPREME
104.90	FREEDOM
105.10	PARADISE CITY
105.30	RAPID
105.50	DESPRA-DEZ
107.40	WKLK

DERBYSHIRE

100.70	FREEDOM
--------	---------

LEICESTERSHIRE

106.30	MIX
107.50	KICKIN'

MERSEYSIDE

100.00	CRUISE
100.65	PUMP
100.75	CLUB
101.50	METRO
105.10	ZEE
105.50	PREMIER
105.55	COMMODORE

GLASGOW

87.50	PULSE
87.90	RADIO ACTIV
100.50	TOTAL KAOS
101.00	UNIDENTIFIED

HAMPSHIRE

105.00	PCRK
105.20	ANGEL
107.00	KOOL

AVON

101.10	ROUGH AND WICKED
104.00	POWER
105.25	BAKAR

CONTRIBUTORS

John Hickling, FRMSEM
Ronald McGill, Notts + South Yorkshire
Anthony Page, West Midlands
Terry Starr, Avon
David Williams, Hampshire ■

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the gaps, you can do just that.
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FM FREE RADIO IN BRISTOL

1986 - 1993

by Terry Starr

103.50 FM.

Broadcast between September 1986 and January 1988, usually on Sunday evenings but also on Saturday mornings from time to time as well. Believed to have been operated by students.

B.A.D. RADIO (Bristol's Amalgamated Deejays).

Initially the creation of the Soul Twins Sound System. Transmitting on Sunday evenings during the summer of 1987 from the St. Werberghs area of the city, B.A.D. was Bristol's first proper West Indian / Black music pirate, helping to inspire others including F.T.P. and also achieving things in their own right. This was the first station to go 24 hours a day, in the spring of 1988 and following the announcement of the 'amnesty' for pirate operators wanting a licence in December 1988, this was the station which carried on regardless, becoming the city's only black pirate. Still recalled with affection amongst the local black fraternity, the station was finally silenced in a D.T.I. raid on March 1st 1989.

F.T.P. Radio (For The People)

Soulful D and Master C, dissatisfied deejays at B.A.D. Radio, launched F.T.P. on February 7th 1988. Everything ran off a single electrical socket: "We were a joke . . . something to be toyed with by B.A.D. Radio," Master Clatrer told the magazine *Venue*. Nevertheless, it was not long before F.T.P., with its dedicated 7 day a week output and commitment to the community, became Bristol's most successful Free Radio station ever, claiming more than 40,000 regular listeners within six months of first coming on air. At the height of its popularity, F.T.P. pulled the plug to apply for an I.B.A incremental franchise. And it all went horribly wrong. Saddled with debts, the revived F.T.P., which hit the air in April 1990, abandoned

its music policy for an increasingly watered-down format, undermining its credibility further. Laughed off at this stage by many as being Radio Fooled the People or For the Money, the station was taken over by the Chiltern Radio group in December 1990 and became the pappy Galaxy Radio in the following month.

EMERGENCY RADIO

Only ever broadcasting on Sunday afternoons, Emergency offered an 'alternative' Black music format, with helpings of African traditional music, roots reggae and other styles not readily catered for on the existing pirates. At the end of 1988, it looked like they would be carrying on into the New Year but in the event they vanished in the small hours of Boxing Day 1988 and were never heard from again.

S.Y.T. Radio (Savage Yet Tender)

"... the station where you can call the Duke of Beaufort a f***ing a***hole ..." S.Y.T. was truly an enigmatic pirate, dismissing the efforts of the community pirates attempts at legality and yet also keeping far removed from the hobby Free Radio scene. One of the station's key players, Pete Tender, was a confirmed revolutionary Marxist and then, even the station's musical output was radical, featuring industrial, indie, hardcore and speedcore metal, thrash, punk, new wave, and ... er, rock n' roll. From September 1988 to its first disappearance in August 1989, the station operated on tape and operated on an open access broadcasting policy. During its 'second wave' of activity, from March 1991 through to the beginning of 1992, it was live and even managed to survive an unauthorised raid by police based at Redland police station, in early December 1991. The reason for the station's final closedown in the following month may have been a 'full scale' D.T.I. raid.

FM FREE RADIO IN BRISTOL

R.A.W. Radio (Rough and Wicked)

When they first emerged out of the ether on November 5th 1988, this station, an 'overspill' for F.T.P. deejays, was initially called Superfresh FM. They lasted little more than a month or so, suffering firstly a raid in early December which took them off the air until Christmas Eve, and then closing down completely to make a licence application just one week later - the same night that F.T.P. shut up shop for the same reason. Almost exactly four years later, however, at Christmas 1992, R.A.W. resurfaced, this time for a much longer spell of broadcasting. Indeed, at times they have been the city's only Black music pirate station. Exactly what relationship the two incarnations of R.A.W. Radio have to each other does, however, remain unknown.

Black FM

S.Y.T. had been using the slogan "... the only one left ..." until Black FM hit the airwaves in July 1989, defining itself as being "... NOT a community radio station but a privately owned music enterprise which likes to help out in the community ...". Overcoming interference difficulties from B.B.C. Radio One's 97.90 Midland transmitter, which came on-line at Christmas 1989, the station survived the new decade until, in early September, they decided to comply with a police request that they close down for the time being. Three months later, on the eve of the implementation of the Broadcasting Act, the station returned with a fortnight or so of transmissions, requesting that listeners should telephone in their responses to the station's comeback. Either those responses were not entirely positive or else, facing the uncertainties of new legislation, the station's operators joined many others in pulling the plug just before the New Year.

S.P.E.C. Radio (St. Pauls and Easton Community Radio)

In many ways, the antithesis of Black FM, S.P.E.C. began broadcasting on Saturday

December 9th 1989 and indeed, fulfilled some of the implications of its name by producing a number of discussions and even live on-air phone-ins of direct relevance to Bristol's West Indian and Asian communities, as well as music programmes. Busted twice in the space of five days shortly after Black FM's September closure, the station went on to brave the 1990 Act and eventually went off the air in search of a licence at the end of 1991. Ironically after having built up much of their audience and even some of the members of their staff from the disappointment, the legal F.T.P. turned out to be for the Black community.

T.N.T. Radio

Broadcasting only a handful of times at the beginning of 1990, T.N.T. were the last of the non-ethnic pirates in Bristol for more than a year, and, with a format of oldies and pop records, were firmly in the mould of hobby Free Radio stations.

Inner City Radio

They did not last long either. I've never known an FM pirate, who, of course, normally adopt regular slots, change frequency quite as many times in so short a period as Inner City Radio: up and down the band between 100 and 106.25, they were on air, in all, for little more than two months during the summer of 1990.

Magnum Radio

In many ways like Black FM, Magnum, which initially called itself Sophisticated Local Radio (S.L.R.), focussed on music programming from the moment it emerged in mid-October 1990. However, unlike Black FM, the station tended to operate unreliably: days, weeks, even whole months were skipped by the station before, alongside S.P.E.C., they went off the air in December 1991 to seek legality. They were back little more than a year later and proceeded to remain on the air through until the summer of 1993.

F.P.R. (Fishponds Pirate Radio)

The original "transmitter under the bed" station, F.P.R. Radio was an effective one man band, operating with very low power but an incredibly ambitious schedule of Monday - Friday 1900 - 2300 and Saturdays / Sundays 1200 - 2300. It is hardly surprising that the station had disappeared by July 1991, after little more than three months on the air. They made an abortive return in May 1992 and may have been responsible for the transmissions resplendent with F.T.P. jingles in August 1993 but nothing proper has really been heard from this station.

Demystified Radio

Actually, "Demystified" was more of a slogan than an actual station name but the station itself, operating on 101.70 MHz between August 1991 and January 1992 did not seem to be interested in names. Perhaps an offshoot from S.Y.T. Radio (the station once carried an interview with S.Y.T. presenters and apparently had some contact with the S.Y.T. crew), they transmitted a good nine hours or so of bizarre radio every Sunday from around 1200, featuring cut-ups from news broadcasts, weird "audio-colleges", noises, and anarchist discussions. They vanished at the same time as S.Y.T. Radio.

Shag FM

They were rude, crude, and the transmitter drifted. Ironically, the station came from the tiny village of Chew Magna, broadcasting to the area south of the city, but putting in a fair signal to certain parts of the city itself. On and off between September 1991 and June 1992, in all clocking up only a handful of transmissions.

S.O.S. Radio (Shades of Soul)

In the wake of Magnum and S.P.E.C.'s closures at the end of 1991, S.O.S. attempted a much slicker, professional sound than had ever been used by any of the Black music pirates previously,

incorporating regular news updates and local travel details, for example, and employing professional-sounding presenters. This was another very short lived Free Radio operation and S.O.S. had disappeared from air by March 1992.

Bakar Radio

Bristol's Asian community had been served by programmes on the otherwise largely West Indian operations as early as 1988 but Bakar Radio represented the first all Asian pirate in the city, initially coming on air in early April 1992. On and off, the station has survived to the present day, playing a regular mix of traditional and contemporary Asian music in several languages, including English.

W.L.S. Radio

Possibly the most short-lived of them all, their programmes of soul, hip-hop and reggae music, apparently on tape, could be heard for only a fortnight during May 1992, around the time of F.P.R.'s very brief return.

N.B.S. Radio (No Bullshit)

They had an excellent transmitting signal and stereo capability, the first stereo pirate in Bristol since the end of S.Y.T. and Demystified in January 1992. So why exactly they went on the air on the same frequency as the legal G.W.R.'s Swindon transmitter on 102.20 FM, which denied them coverage of substantial parts of the city, remains something of a mystery. May have had links with the remnants of the S.Y.T. organisation. Unfortunately, they were never to follow their forerunner's longevity and No Bullshit was no more after only a few transmissions in the spring of 1993.

Power FM

This became the first Black music orientated station operating with a stereo signal regularly since F.T.P.'s demise as a pirate around five years previously, in December 1988. ■

RADIO AND MY PART IN IT . . .**AQUARIUS** by Andy Howlett **PART FOUR**

LAST time, I mentioned the 150 watt transmitter which finally disappeared in mysterious circumstances. But 150 watts was peanuts compared with Stuart's latest idea. We were sat making fools of ourselves in Tommy Duck's one night when Stuart said to me "Do you think we could make a really big medium wave transmitter?" I said, "What, four or five hundred watts?", Already feeling the fluttering of butterflies in my stomach. "Bigger than that," he said, "I was thinking of a couple of kilowatts!" If you have ever seen one of those comedy films where someone takes a drink from a glass and then gets a surprise, you will know what happens next. After mopping the table dry, I said "'%&^ing £@\$(! , can't we just save up and buy one off Marconi or someone?" But he reckoned it was just a matter of getting more of everything; more volts - bigger valves equals more RF. Easy! Easy for him to say anyway. I thought it would be me dicing with death. John, who was sat with us said "I think you're being a bit over ambitious Stuart."

In the end and after several more pints of beer, we compromised. One kilowatt was to be the target and I said I would do my best. I had already made up my mind that 500 watts would do.

We started collecting the necessary parts. After doing some sums and looking at the adverts in Practically Witless magazine, we decided that we would need:

- 2 x 813 RF pentodes, big
- 1 x 6146 pentode, biggish
- 1 x 5763 pentode, small
- 2 x 811 triodes, serious
- 2 x wide spaced tuning caps
- Several mains transformers, including one which would deliver 2 kilovolts or more at up to half an amp.

These were just the main items but many others were also required.

One weekend we went shopping for the two thousand volt mains transformer and we spotted what we wanted at a well known amateur radio shop in Levenshulme. It was plonked on a table right at the back of a shop and we made a beeline for it. Sure enough, the secondary winding was labelled 2.2 kV/0.7 AMP. Just the job! It was enormous, about twelve inches square and Frank could just about lift it. While we were at it, we bought sixteen diodes for the high voltage rectifier and a box of ten 350 volt electrolytics which would be strung in series to stand the voltage.

The two 813s and the 811 A triodes were mail ordered and arrived in just a few days. If you have never seen an 813, you have missed a treat. About eight inches high and two and a half inches in diameter, they have a mean looking anode assembly which can turn out the RF power at such a phenomenal rate that even the most modern transistors look like kid's stuff by comparison.

Assuming that we would have about 800 watts DC input to the PA, something of the order of 400 watts of audio would be needed to fully modulate the carrier. This would be possible using the two 811 A triodes but where to get a modulation transformer could have been a problem. Manchester transformer specialist, Magtor, however, saw no difficulties. To cater for our specifications would cost £18 which was fair enough and while waiting for the transformer to arrive, I cracked on with the other bits. Crystal control had been decided upon as the plan was to reach Europe under night-time conditions and we did not want to cause any hetrodynes.

This is when we hit the first problem. None of the crystal firms we approached wanted to make a 1367 kHz crystal for us. After much thought we therefore got one at twice the frequency and used an old idea to divide it down. (Yes, I know we could have used a TTL divider chip but only Pete knew how to use the darn things and he was so bloody clever that he was away at university).

Our method is called 'injection locking' and works like this . . .

. . . Make two oscillators, one running at the crystal frequency which is twice what we want, the other running at the wanted frequency of 1367 kHz. Now 'inject' a small amount of the crystal oscillator's output into the VFO. Bingo! The VFO locks onto alternate cycles and produces 1367 kHz with rock solid stability. Problem solved. This part of the box to shield it from the monumental amount of RF that would be floating around the finished transmitter. Sat on top of the box was an ECC82 valve, to get enough voltage swing to drive the following 5763 pentode to about five watts. This then drove the next stage, a 6146, to around 40 watts. At this point, I could not contain myself any longer. The big supply was hastily lashed up and wires were soldered onto the pins of the two 813s. But I had worked myself into such a frenzy that I did not dare turn it on.

There was a knock at the door and it was John and Frank come to see how things were progressing. They were amazed to see this dangerous lash up covering half the floor! I explained that I had lost my nerve and Frank suggested that we turned it on from a safe distance, using a broom handle to click the switch which was mounted on the transformer. Broom handle held at its fullest extent, we did a space-shot style countdown, 3-2-1 CLICK!! There was a thud from the enormous transformer and then the lashed together circuitry began leaping

and writhing across the floor, spitting flames and belching smoke as it went. Shielding my eyes from the sparks, I managed to knock the switch to the off position but the contacts must have welded. The only way to stop this monster was to unplug at the wall. But by careful lack of forethought, the transformer was directly in front of the socket! Finally, the plug was yanked out of the wall and peace returned to the room. Frank said something about it being the most expensive firework he had ever seen while me and John muttered words that had better not appear in print! All the HT wiring was charred and a few of the rectifiers had passed away but still, we set about re-wiring and repair. The next day, I was ready for another try. This time, safety was uppermost in my mind and I checked everything several times. The lower voltage supplies were turned on first and a quick light bulb test showed plenty of drive to the 813s. Two 150 watt light bulbs were hung across the tuning unit as a load and these were to light brightly if the expected amount of RF emerged from the PA.

OK . . . on with the 2500 volts. There was the usual thud from the transformer followed by a heart-stopping pause, rather like waiting for a pay and display machine to cough up a ticket, then . . . WOOSH! Plenty of RF or what? Both lamps lit to more than full brilliance. Stage one of the operation was complete!

When the modulation transformer arrived, no time was lost in getting it mounted and wired up. Another power supply was required for the two 811As in the modulator so more carpet disappeared under the ever-expanding mess. Soon it was all done and of course it had to be tested so using my hi-fi as an audio source, modulation was applied. It was great. The audio was as smooth as silk, right up to 90%. I felt proud. After all, I had done most of the work myself and to

see and hear it working so well made me feel great. I had heard 'high power' pirate transmitters put on the air by other people and they always sounded rough but this one was truly BBC quality! In its final form, it took up three large chassis, one holding the RF bit, the second holding the PI tank unit and the last holding the power supply.

After a period of 'soak' testing, it was time to put the new transmitter to work. We found an empty house in (surprise) Wilmslow but this time we did not have to force any doors or anything. The conservatory at the rear was wide open. Mains power was readily available too. There were fields at the back, dotted with trees suitable for aerial supports so the far end of the wire was attached to the tallest one and the other end dangled from the attic window. Both ends were insulated with lengths of string to stop any nastiness breaking out. Then we carried in the transmitter and all the time I was expecting the police to arrive. We must have looked very suspicious, a group of hippy types creeping around an empty house in such a well to do area.

Everything was set up ready for an 8 o'clock start, then we made ourselves scarce. Stuart and myself went back at around 1930 to tune up and start the tape but yours truly had forgotten the RF 'sniffer' which we used for tuning purposes. But Stuart's infra-red eyes came to the rescue - he said he could see the dull red glow of the 813 anodes and by tuning for minimum redness, he set the tuning correctly. I couldn't see a thing! Problem number two came when we started the first tape because although the tape was running, there was no sound. It was our old friend RF feedback so strong that it was completely killing the cassette player. Careful positioning of the player and its audio lead eventually cured it, apart from the odd grunt when going near it to change tapes.

By now we were getting nervous and we beat a retreat to a roadside bench about half a mile away where we sat and listened to a very strong signal from Aquarius. We were hoping to get letters from Europe and we made plans to have some impressive QSL cards printed.

At about 1 o'clock in the morning, the tapes ran out so back we went to turn everything off.

There wasn't a lot of mail following the broadcast which disappointed us rather but one of the letters we got did come from a guy called Tim in Didsbury. He had been listening to us for quite a while and now he wanted in. He lived in a rather nice house with his parents who were obviously fairly well off. He also owned a sports car, an MG or something, which we thought might help us make speedy getaways. Little did I realise what was to come . . . NEXT TIME:

The Heald Green Getaway ■

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Northern Ireland.

ONE of the most underrated stations throughout Europe is Radio Benelux from Germany so here is the story of this famous pirate.

Radio Benelux was founded by four Free Radio freaks on the 26th June 1990. At exactly 1515 UTC the first test transmission was carried out. A telephone number was announced during the test programme and quite a few calls from different parts of Germany reached the Radio Benelux studio. The second test was carried out one week later but from another location.

The four founders of the station were: Andy, Mr. Aktiv, Mr. November (ex Radio Universum) and Jens Martin. The transmitter which is still in use has the power of 20 watts with a half-wave dipole antenna.

At the start of its life, Radio Benelux used 7430 kHz or 7480 kHz in the 41 metre band. The station was active two or three times a month on Sundays between 0900 - 1100 UTC and interestingly on Saturday afternoons between 1400 - 1600 UTC till the end of 1990. All programmes were and still are live today!

The programmes consist of oldies, disco and hard rock. They always gained a lot of mail for their programmes and around 30 letters were received for each broadcast and even nowadays, the Radio Benelux people receive around 15 - 20 letters for one programme.

In 1991 a few changes were made. Firstly, some tests were carried out in the 48 metre band. Despite these tests being successful, Benelux remained on 48 metres. Because of safety reasons, a few studios at different locations were built up

Pirate Thoughts

so that for each transmission a different studio can be used. Additionally, a few mobile transmissions have been made.

In 1992, tests were carried out in the 26 metre band on frequencies like 11390 kHz but mainly 11416 kHz, between February and November. Again, these tests were successful (reports came from Italy, Spain, Hungary etc) but because Radio Benelux had already reached these countries on 41 metres and because of bad propagation conditions, these tests stopped in November 1992.

Also in the second year of this station's history, an English programme was introduced and presented by Mr. November. Saturday afternoon transmissions were stopped and competitions were introduced with prizes of T-shirts and stickers. A now regular feature, 'Free Radio Spot' also began in '92, in which, a different pirate station is highlighted. And then came the 20th September - the Star Club Radio raid (a special feature is to follow soon here in PC!)

This event silenced the German Free Radio scene. Several German pirates received threats of a raid and so Radio Benelux decided to firstly reduce the number of broadcasts for a limited period and secondly to reduce programme duration to just one hour. Because of this, the 'Free Radio Spot' and the English programmes were scrapped.

The last major event of 1992 came on December 13th. As from this date, it has been possible to hear Radio Benelux via Intelsat. Every fortnight on Sundays, between 1800 - 1900, the station can be received in superb satellite quality.

In 1993, Radio Benelux was on air about twice a month but still only with one hour programmes. Another founder, the

hard-rock expert, Mr. Aktiv, left the station in March. Also, Mr. November has not been heard for quite a while meaning that at the moment, programmes are presented by only Jens Martin. But there are hopes that a new DJ can be found very soon.

In autumn, the mailing address was changed from the good (?) old Wuppertal postbox to the Venlo drop. Correct reception reports are always answered inside a short time with a QSL card (for special transmissions, photo QSLs are given out), a personal letter from Jens and of course, the current information sheet. When writing, please do make sure that return postage is enclosed.

Besides the brilliant station sticker, available for 1.5 DM, Radio Benelux T-shirts are available for 30 DM. Do write in:

P.O. BOX 386,
5900 AJ Venlo,
Netherlands.

Hello everybody and welcome to a brand new year! Hopefully you all had a wonderful Christmas and an even better start in 1994.

In this issue and my installment you have so far read the Radio Benelux story and still to come is a short look at Crazy Wave Radio and an update on Level 48 (the station featured in the last issue). Also there will be a short description about two books concerning the US pirate scene.

On the 26th September 1993, Crazy Wave Radio (or in German, Welie Wahnsinn) grew up somewhat. The first test transmission was made with their own transmitter and Chris Ise, station operator, told me that 23 reception reports were received.

The transmitter is 30 watts with a half-wave dipole antenna cut to 48 metres. Mr. Ise hopes that CWR can be heard around once a month inside of 48 metres

SHORTWAVE NEWS

or on 6400 kHz. By the way, a nice photo QSL showing the transmitter is available.

Some people are always confused when they read the name of Radio Wahnsinn. This station has nothing to do with CWR and is a totally separate set-up. Radio Wahnsinn took a long break after being regular in the late 80s (mainly 1989) but now they are back. On December 5th, a programme of this station was relayed by Radio Orang Utan. Within this, the station operator had some complaints about the Wuppertal maildrop. They have not received the mail for a broadcast that took place in the summer this year and Radio Wahnsinn is not the first station having such complaints and there surely is a trend that more and more stations are using the Venlo address instead. One station operator told me that the service from here is simply better with the quicker forwarding of mail.

On now to a few words about the current policy from CLCG, also known as Radio Popcorn or Tom's Music Radio. I don't think it is a good idea to give one single station three different names. Perhaps they want to gain more mail and want to do a good job for the QSL hunters (what a word) but for the normal listener it is simply confusing. So I hope that CLCG come back to planet Earth and will only use one station name in future. By the way, they produce a magazine and I think that in one of the next issues of PC, I will write a few lines about this one.

In the last few months I have noticed that there is a trend that the listeners are writing more and more. If you look at the figures of letters received by stations, it is more than satisfying. Here are a few examples:

International Music Radio - 68 letters for their first broadcast

Francis Drake - ± 30 letters per one hour broadcast

Level 48 - ± 90 letters for a weekend of broadcasting

Free Radio Service Holland - over 80 letters for a four hour broadcast

On the other hand, some listeners can get disappointed with station response! I remember writing to WNKR on February 14th 1993 and I have still received no reply. What do some stations expect when they provide such a terrible listener service? Of course, WNKR is not the only station like this but I selected them because they were always complaining about the lack of letters.

And now on to something more pleasant. The first issue of 'InfoFox - Die InfoBox' has been published! In general it can be said that the information looks a little like that which appears in Free Dx but there are differences. This is weekly whereas InfoFox is monthly. The first issue contained logs of the period October 24th - November 7th and some news. Basically, it looks a little bit like the old RadioTelex. You can order your sample copy from the Venlo maildrop if you enclose return postage. The next issue is scheduled for publication sometime after the festive season. One of the main men behind this project is Jonny Walker, the force behind Radio Rabbit International.

On now to the update concerning Level 48. Firstly, there are two new members in the form of Radio Illusion and Crazy Wave Radio. Secondly, the satellite transmissions were stopped at the end of 1993 because of the absolutely awful listener response. By the way, on the Level 48 transmission of June 12th/13th, Radio Vanessa did not have the chance to air their programmes because the forester was at their site and there was no chance to switch on the transmitter.

OK, the last subject today is two books from the USA. Firstly, the annual Pirate Radio Directory. Have you already heard about the Mystic Voice of the Western Prairies, Captain Eddy's Radio Airplane or even the Voeddy Murphy? Do you

believe the Voice of the Very Last Day still exists or that Radio Beaver is run by an animal? If so, you have to read the Pirate Radio Directory. The first issue was published in 1989. From that date it became a regular institution in the US pirate scene.

Each issue consists of a complete look at all stations that were active during the last twelve months within over 100 pages. Each station is described with a lot of details concerning programme formats and so on. The latest issue contains a look at every US pirate active during 1992 which is a must for every Free Radio human being! Always written by George Zeller, help was given this year by Andrew Yoder.

Anyone still interested to complete his log-book from 1992? Perhaps you are curious as to what stations have been active in North America or whether there is still Free Radio in Oceania. The heart of this book is the logging section which contains information on thousands of pirate broadcasts around the world. These broadcasts have been sorted into separate sections by Andrew Yoder (Pirate Pages). This book and the Pirate Directory can be directly obtained from:

P.O. BOX 109
Blue Ridge Summit
Pennsylvania 17214
USA

OK then, that brings us to the end of this times Pirate Thoughts. Next time, there will be a review of German pirate activity in 1992 and a special feature on Wrekin Radio International. Until then, do have a great '94 and keep on tuning Free Radio.

PIRATE CHAT
THE FREE RADIO
MAGAZINE

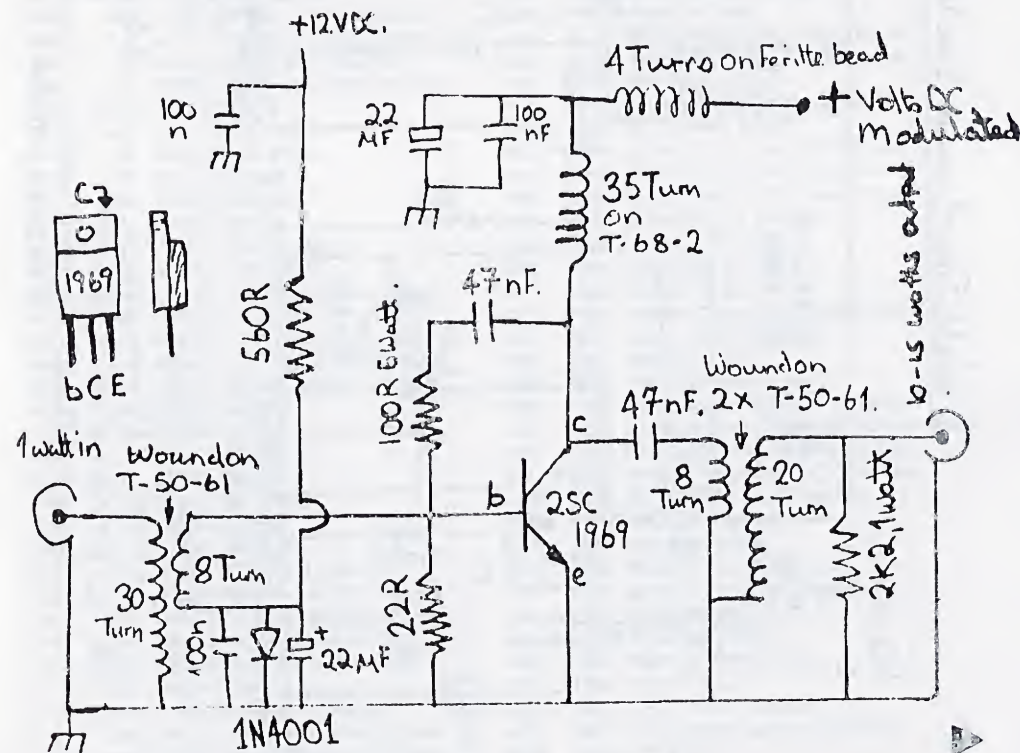
Technical Talk

by Dave Martin (WNKR)

This shortwave transmitter is in three sections; section 1 is a 1 watt exciter, section 2 is a 10-15 watt broadband power amplifier, section 3 is the AM modulator section and this will appear in a future issue as Part 2.

Section 1, the exciter is the only part of the circuit that has to be tuned for the band to be used. The crystal is chosen for the frequency with the band to be used. C1, L1/L2, L3 and C2/C3 have to be selected to match the band in use as does C4. C4 is used to peak the oscillator to the right frequency and maximum power into TR2. C4 is the only adjustment and construction is detailed in drawings. Important is that the antenna must be used with 50 ohm coax and the SWR should be as low as possible.

BROADBAND POWER AMP



SHORTWAVE LOGS AT A GLANCE

6239 1128 CITADEL RADIO INTERNATIONAL
6295 1020 RADIO CAROLINE
6400 1220 RADIO ABILITY
Sunday 21st November 1993
3910 0039 LIVE WIRE RADIO
3945 0842 RADIO STELLA INTERNATIONAL
3945 0851 RADIO ABILITY
6201 1000 TRANSATLANTIC RADIO
6206 0835 RADIO ORANG UTAN
6206 1102 STAR CLUB RADIO
6206 1229 RADIO CITY
6210 0911 HEAVY DUDE RADIO
6225 1012 EMERALD RADIO INTERNATIONAL
6229 0919 JOLLY ROGER RADIO
6229 1313 RADIO MARABU
6239 0940 OPTIMOD
6239 1229 RADIO MERLIN INTERNATIONAL
6239 1301 BELGIAN INT RELAY SERVICE
6266 0838 TRANSATLANTIC RADIO
6277 1040 OZONE RADIO INTERNATIONAL
6280 1017 RADIO EXPERIMENTAL
6288 1245 RADIO BOBBY
6288 1259 EIFELWELLE
6295 1000 RADIO CAROLINE
6305 1035 RADIO PAMELA
6400 1228 RADIO ATLANTIS
7290 0915 RADIO PACMAN
7446 1015 RADIO STELLA INTERNATIONAL
7480 0914 RADIO BENELUX
7484 0914 RADIO WAVES INTERNATIONAL
11401 1141 RADIO WAVES INTERNATIONAL
Saturday 27th November 1993
3910 2329 RADIO PIRANA INTERNATIONAL
6231 1154 BRITAIN RADIO INTERNATIONAL
6239 0933 RADIO SCOTTISH MONTREAL
6239 1250 BELGIAN INT RELAY SERVICE
6295 1042 RADIO CAROLINE
7365 1156 BRITAIN RADIO INTERNATIONAL
Sunday 28th November 1993
3915 0019 RADIO PIRANA INTERNATIONAL
6200 0914 SUNSHINE RADIO
6200 1155 RADIO FRANCIS DRAKE
6200 1220 RADIO FANTASY
6210 1039 HEAVY DUDE RADIO
6225 1047 EMERALD RADIO INTERNATIONAL
6225 1340 RADIO EXPERIMENTAL
6226 1348 WEEKEND MUSIC RADIO
6229 1006 JOLLY ROGER RADIO
6234 1040 BRITAIN RADIO INTERNATIONAL
6239 0903 RADIO SCOTTISH MONTREAL
6239 1132 BELGIAN INT RELAY SERVICE
6250 1325 RADIO EXPERIMENTAL
6252 0857 RADIO NORTHSEA INT
6277 1041 OZONE RADIO INTERNATIONAL
6285 0904 WORLD'S GREATEST ANORAK
6295 0906 RADIO CAROLINE
6305 1059 RADIO PAMELA
6472 0950 RADIO BRIGITTE
7294 0919 RADIO EUROPE

7294 0952 RADIO MARABU
7360 1202 BRITAIN RADIO INTERNATIONAL
7484 0904 RADIO WAVES INTERNATIONAL
11401 0830 RADIO WAVES INTERNATIONAL
Monday 29th November 1993
6239 1233 RADIO MERLIN INTERNATIONAL
Tuesday 30th November 1993
6239 1211 OPTIMOD
6239 1415 RADIO MARABU
Wednesday 1st December 1993
6239 1351 RADIO MERLIN INTERNATIONAL
Thursday 2nd December 1993
6239 1036 RADIO MERLIN INTERNATIONAL
Saturday 4th December 1993
6239 1017 SOUTHERN MUSIC RADIO
6239 1134 RADIO MARABU
6295 1017 RADIO CAROLINE
6305 1342 RADIO PAMELA
Sunday 5th December 1993
3910 1009 RADIO JIMMY INTERNATIONAL
3910 1014 RADIO MOONLIGHT
3911 0027 RADIO DELMARE
3911 1007 RADIO DELMARE
3912 0010 STARSHINE RADIO
6200 0916 INTERNATIONAL MUSIC RADIO
6200 1104 RADIO WAHNSINN
6200 1215 RADIO POPCORN
6210 1037 OZONE RADIO INTERNATIONAL
6229 0931 JOLLY ROGER RADIO
6239 0930 RADIO MARABU
6255 1006 RADIO EAST COAST COMMERCIAL
6280 0930 FREE RADIO SERVICE HOLLAND
6282 1201 RADIO PARADISE
6295 0931 RADIO CAROLINE
7294 1015 RADIO EUROPE
7410 1202 RADIO PACMAN
7411 1110 SUBTERRANEAN SOUNDS
7479 0954 RADIO BENELUX
7484 0832 RADIO WAVES INTERNATIONAL
7484 0925 SUNSHINE RADIO
7484 1138 SOUTHERN MUSIC RADIO
11401 1052 RADIO WAVES INTERNATIONAL
Saturday 11th December 1993
3915 2301 PIRATE RADIO BOSTON
6239 0934 RADIO MERLIN INTERNATIONAL
6295 0934 RADIO CAROLINE
Sunday 12th December 1993
3910 0024 LIVE WIRE RADIO
4764 1600 RADIO PAMELA
6205 1147 RADIO METEOR
6210 1020 HEAVY DUDE RADIO
6210 1036 OZONE RADIO INTERNATIONAL
6211 1053 RADIO DIAMOND
6229 0934 JOLLY ROGER RADIO
6239 0935 CITADEL RADIO INTERNATIONAL
6239 1045 SOUTHERN MUSIC RADIO
6239 1247 BELGIAN INT RELAY SERVICE
6239 1425 OPTIMOD
6252 0900 RADIO NORTHSEA INT

SHORTWAVE LOGS AT A GLANCE

6270 1056 OZONE RADIO INTERNATIONAL
6295 0936 RADIO CAROLINE
6305 1118 RADIO PAMELA
7410 1244 RADIO PACMAN
7411 1104 SUBTERRANEAN SOUNDS
7473 0938 RADIO PERFECT
7473 1042 RADIO WAVES INTERNATIONAL
7484 0937 RADIO MARABU
Tuesday 14th December 1993
6239 1350 RADIO MARABU
6239 1511 BELGIAN INT RELAY SERVICE
Saturday 18th December 1993
6200 1229 RADIO ORANG UTAN
6217 1509 RADIO SELECT
6237 1002 RADIO REFLEX
6239 1108 BELGIAN INT RELAY SERVICE
6239 1234 OPTIMOD
6295 1208 RADIO FOX
Sunday 19th December 1993
3918 0027 RADIO PIRANA INTERNATIONAL
3935 1319 RADIO CAROLINE
6200 1007 RADIO TITANIC INTERNATIONAL
6200 1127 RADIO POPCORN
6205 1332 WEEKEND MUSIC RADIO
6210 1011 OZONE RADIO INTERNATIONAL
6210 1352 SIERRA FOXTROT ZERO THREE
6219 1400 ANGEL FM
6229 1008 JOLLY ROGER RADIO
6234 1146 BRITAIN RADIO INTERNATIONAL
6237 0928 RADIO REFLEX
6239 1035 BELGIAN INT RELAY SERVICE
6239 1118 OPTIMOD
6239 1348 RADIO MERLIN INTERNATIONAL
6257 1045 FREE RADIO NORWAY
6270 1333 RADIO REFLEX
6282 0920 STAR CLUB RADIO
6286 1305 FREE RADIO NORWAY
6305 1034 RADIO PAMELA
7360 1148 BRITAIN RADIO INTERNATIONAL
7410 1255 RADIO PACMAN
7411 1120 SUBTERRANEAN SOUNDS
7479 0907 RADIO BENELUX
7484 1058 RADIO WAVES INTERNATIONAL
11401 1040 RADIO WAVES INTERNATIONAL

Wednesday 22nd December 1993
6239 1343 BELGIAN INT RELAY SERVICE
Friday 24th December 1993 (Christmas Eve)
6219 1154 ANGEL FM
6229 1013 RADIO MARABU
6229 1040 JOLLY ROGER RADIO
6234 1130 BRITAIN RADIO INTERNATIONAL
6275 1012 RADIO DEVOLUTION
6275 1037 RADIO ORION
6295 1138 RADIO CAROLINE
7360 1200 BRITAIN RADIO INTERNATIONAL
Saturday December 25th 1993 (Christmas Day)
3905 2300 RADIO SAFARI INTERNATIONAL
3911 1848 XMAS
3911 2353 XMAS
3919 2347 RADIO PIRANA INTERNATIONAL
3945 1012 WEEKEND MUSIC RADIO
3945 1116 RADIO LONDON INTERNATIONAL
6200 0853 RADIO ORANG UTAN
6200 1145 CLANDESTINE LISTENERS CLUB
6200 1232 STAR CLUB RADIO
6200 1329 RADIO DR. TIM
6200 1453 CLANDESTINE LISTENERS CLUB
6209 0949 WEEKEND MUSIC RADIO
6209 1107 RADIO LONDON INTERNATIONAL
6210 1429 RADIO GLORIA INTERNATIONAL
6210 1433 LIVE WIRE RADIO
6210 1438 SIERRA FOXTROT ZERO THREE
6210 1527 VOICE OF THE GOUTSUFFERERS
6219 1028 ANGEL FM
6220 1019 WEST AND NORTH KENT RADIO
6229 0934 JOLLY ROGER RADIO
6234 0934 BRITAIN RADIO INTERNATIONAL
6239 0935 WEEKEND MUSIC RADIO
6239 1730 OVERFLOW INTERNATIONAL
6239 2030 RADIO MERLIN INTERNATIONAL
6255 0906 RADIO EAST COAST COMMERCIAL
6263 1225 RADIO SAFARI INTERNATIONAL
6270 1030 OZONE RADIO INTERNATIONAL
6275 0843 RADIO DELTA (Elburg)
6275 1122 RADIO ORION
6278 1255 SUD WEST RADIO
6285 0936 WEST AND NORTH KENT RADIO
6295 0900 RADIO CAROLINE
6300 1730 OVERFLOW INTERNATIONAL
6300 2030 RADIO MERLIN INTERNATIONAL
6555 0936 RADIO BRIGITTE
6555 1355 RADIO SANTANA
7294 0958 RADIO EUROPE
7294 1036 RADIO MARABU
7360 0935 BRITAIN RADIO INTERNATIONAL
7410 0841 VOICE OF THE NETHERLANDS
7484 1250 RADIO WAVES INTERNATIONAL
7558 1248 XMAS
11401 1151 RADIO WAVES INTERNATIONAL
Sunday December 26th 1993
3915 0110 RADIO PIRANA INTERNATIONAL
3916 0109 ROMANTIC SPACE RADIO
3917 0136 RADIO WITHOUT BORDERS INT



SHORTWAVE LOGS AT A GLANCE

3920 0128 RADIO PIRANA INTERNATIONAL
3920 1605 RADIO PIRANA INTERNATIONAL
3925 1708 RADIO UTOPIA
3927 1735 LIVE WIRE RADIO
3928 1729 WEEKEND MUSIC RADIO
3945 0930 WEEKEND MUSIC RADIO
3945 1616 RADIO UTOPIA
3945 1627 LIVE WIRE RADIO
6200 0923 RADIO WAHNSINN
6200 1106 RADIO POPCORN
6200 1428 TOM'S MUSIC RADIO
6215 1345 RADIO SELECT
6219 1131 ANGEL FM
6225 1052 RADIO USA
6229 0931 JOLLY ROGER RADIO
6229 1207 BRITAIN RADIO INTERNATIONAL
6237 1340 RADIO REFLEX
6239 1015 RADIO LONDON INTERNATIONAL
6239 1132 BELGIAN INT RELAY SERVICE
6239 1147 OPTIMOD
6239 1341 OVERFLOW INTERNATIONAL
6240 0924 WEEKEND MUSIC RADIO
6252 0902 RADIO NORTHEAST INT
6255 1107 WEST AND NORTH KENT RADIO
6255 1209 RADIO PIRANA INTERNATIONAL
6256 1030 FREE RADIO NORWAY
6259 1304 CHRIS WATSON TESTS!
6266 0925 TRANSATLANTIC RADIO
6280 1033 WEEKEND MUSIC RADIO
6282 1015 CRAZY WAVE RADIO
6285 0400 RADIO PIRANA INTERNATIONAL
6295 0925 RADIO CAROLINE
6300 1015 RADIO LONDON INTERNATIONAL
6300 1138 RADIO SCOTTISH MONTREAL
6300 1341 OVERFLOW INTERNATIONAL
6525 0948 RADIO MIKE
6546 1006 RADIO BRIGITTE
7484 0925 RADIO WAVES INTERNATIONAL
7558 1137 XMAS
11401 1241 RADIO WAVES INTERNATIONAL
Monday 27th December 1993 (Boxing Day)
3915 2359 RADIO MATA HARI
3945 1128 WEEKEND MUSIC RADIO
6202 1059 WEEKEND MUSIC RADIO
6202 1238 SIERRA FOXTROT ZERO THREE
6210 1250 RADIO USA
6219 1211 ANGEL FM
6229 1012 BRITAIN RADIO INTERNATIONAL
6239 0630 OPTIMOD
6239 1015 RADIO MERLIN INTERNATIONAL
6239 1350 OVERFLOW INTERNATIONAL
6239 1440 RADIO LONDON INTERNATIONAL
6278 1309 FREE RADIO SERVICE LONDON
6300 0630 RADIO LONDON INTERNATIONAL
6300 0934 OPTIMOD
6300 1017 RADIO MERLIN INTERNATIONAL
6300 1440 RADIO LONDON INTERNATIONAL
Tuesday 28th December 1993
3915 2347 NOT RADIO FAX

6210 1215 LIGHTNING INTERNATIONAL
6229 1022 JOLLY ROGER RADIO
6239 0842 RADIO SCOTTISH MONTREAL
6239 0915 RADIO LONDON INTERNATIONAL
6239 1027 BELGIAN INT RELAY SERVICE
6239 1306 RADIO MERLIN INTERNATIONAL
6239 1513 SOUTHERN MUSIC RADIO
6300 0915 RADIO LONDON INTERNATIONAL
6300 1027 BELGIAN INT RELAY SERVICE
6300 1306 RADIO MERLIN INTERNATIONAL
6305 1352 RADIO PAMELA
Wednesday 29th December 1993
3910 0025 LIVE WIRE RADIO
6239 1227 RADIO MERLIN INTERNATIONAL
Thursday 30th December 1993
6239 1006 OVERFLOW INTERNATIONAL
6239 1109 RADIO MERLIN INTERNATIONAL
6239 1402 CITADEL RADIO INTERNATIONAL
6290 1156 RADIO ORION
6292 1220 RADIO ARMADILLO
6305 1303 RADIO PAMELA
Friday 31st December 1993
6289 1119 XENON TRANSMITTING COMPANY
6234 1428 BRITAIN RADIO INTERNATIONAL
6236 1006 RADIO TELSTAR
6300 0935 RADIO LONDON INTERNATIONAL
7360 1428 BRITAIN RADIO INTERNATIONAL
Saturday 1st January 1994 (New Year's Day)
3920 0100 RADIO PIRANA INTERNATIONAL
3920 1605 RADIO PIRANA INTERNATIONAL
3920 2205 RADIO PIRANA INTERNATIONAL
3925 1646 RADIO PIRANA INTERNATIONAL
3945 0230 WEEKEND MUSIC RADIO
6200 1029 INTERNATIONAL MUSIC RADIO
6209 1301 WEEKEND MUSIC RADIO
6209 1505 RADIO PANDORA
6219 1030 ANGEL FM
6229 1126 BRITAIN RADIO INTERNATIONAL
6234 1030 BRITAIN RADIO INTERNATIONAL
6239 1028 RADIO LONDON INTERNATIONAL
6239 1148 BELGIAN INT RELAY SERVICE
6239 1227 CITADEL RADIO INTERNATIONAL
6239 1550 RADIO SCOTTISH MONTREAL
6240 0230 WEEKEND MUSIC RADIO
6255 1255 RADIO GLORIA INTERNATIONAL
6295 1027 RADIO PAMELA
6300 1127 RADIO LONDON INTERNATIONAL
6300 1148 BELGIAN INT RELAY SERVICE
6300 1227 CITADEL RADIO INTERNATIONAL
6300 1550 RADIO SCOTTISH MONTREAL
6557 1134 RADIO BRIGITTE
7360 1030 BRITAIN RADIO INTERNATIONAL
Sunday 2nd January 1994
3945 1021 WEEKEND MUSIC RADIO
5871 1036 RADIO PAMELA
5900 1157 WORLD'S GREATEST ANORAK
6200 0936 RADIO WAHNSINN
6200 1140 SUNSHINE RADIO INTERNATIONAL
6200 1333 RADIO PERFECT

SHORTWAVE LOGS AT A GLANCE

6209 1021 WEEKEND MUSIC RADIO
6210 1331 SIERRA FOXTROT ZERO THREE
6210 1333 DELTA LIMA 45
6210 1351 RADIO GLORIA INTERNATIONAL
6218 1334 RADIO AMSTERDAM
6219 1339 ANGEL FM
6225 0946 RADIO EXPERIMENTAL
6229 1022 JOLLY ROGER RADIO
6239 1022 RADIO MARABU
6239 1345 BELGIAN INT RELAY SERVICE
6250 1030 OZONE RADIO INTERNATIONAL
6250 1236 OZONE RADIO INTERNATIONAL
6266 0913 TRANSATLANTIC RADIO
6270 1018 RADIO PIRANA INTERNATIONAL
6285 1022 RADIO LOWLAND INTERNATIONAL
6295 1023 WORLD'S GREATEST ANORAK
6300 1023 RADIO MARABU
6300 1345 BELGIAN INT RELAY SERVICE
7294 1023 CLANDESTINE LISTENERS CLUB
7410 1029 RADIO PACMAN
7410 1110 SUBTERRANEAN SOUNDS
7484 1025 ROMANTIC SPACE RADIO
7484 1141 RADIO WAVES INTERNATIONAL
9985 1203 RADIO MARABU
Monday 3rd January 1994 (UK Bank Holiday)
6219 1257 ANGEL FM
6239 1105 BELGIAN INT RELAY SERVICE
6239 1112 SOUTHERN MUSIC RADIO
6239 1326 RADIO LONDON INTERNATIONAL
Tuesday 4th January 1994
6239 0954 OVERFLOW INTERNATIONAL
6239 1105 BELGIAN INT RELAY SERVICE
6239 1246 RADIO MERLIN INTERNATIONAL
6239 1425 RADIO MARABU
Wednesday 5th January 1994
6239 1115 RADIO MERLIN INTERNATIONAL
Thursday 6th January 1994
6239 1637 RADIO MERLIN INTERNATIONAL
Saturday 6th January 1994
6239 1027 OVERFLOW INTERNATIONAL
6239 1218 BELGIAN INT RELAY SERVICE
6239 1226 RADIO MERLIN INTERNATIONAL
6280 1416 GOOD MUSIC RADIO
Sunday 9th January 1994
3910 0012 RADIO PIRANA INTERNATIONAL
3910 0035 WAVE RADIO INTERNATIONAL
3910 0046 LIVE WIRE RADIO
3912 0025 STARSHINE RADIO
3915 0043 RADIO PIRANA INTERNATIONAL
6200 1311 RADIO MOONLIGHT
6201 1025 FREE RADIO SERVICE LONDON
6204 1336 FREE RADIO SERVICE LONDON
6211 0942 RADIO DIAMOND
6218 1307 FREE RADIO SERVICE HOLLAND
6219 1025 ANGEL FM
6229 1407 JOLLY ROGER RADIO
6236 1208 RADIO REFLEX
6239 0943 OPTIMOD
6239 1318 BELGIAN INT RELAY SERVICE

6239 1344 RADIO MERLIN INTERNATIONAL
6255 1050 RADIO EAST COAST COMMERCIAL
6270 0944 WELLE WAHNSINN
6285 1259 RADIO PIRANA INTERNATIONAL
6286 0945 RADIO RABBIT INTERNATIONAL
6295 1041 RADIO PAMELA
7294 1105 TOM'S MUSIC RADIO
7295 1249 RADIO DUTCHBOY
7479 0949 RADIO BENELUX
7484 0949 RADIO WAVES INTERNATIONAL
7484 1111 SOUTHERN MUSIC RADIO
Wednesday 11th January 1994
6295 1532 RADIO PAMELA
7490 1358 RADIO MERLIN INTERNATIONAL
Saturday 15th January 1994
6200 1021 RADIO MOONLIGHT
6219 1022 ANGEL FM
6239 1022 OPTIMOD
6239 1037 BELGIAN INT RELAY SERVICE
6295 1022 RADIO CAROLINE
7294 1035 RADIO MARABU
Sunday 16th January 1994
6200 1022 RADIO ORANG UTAN
6210 1122 OZONE RADIO INTERNATIONAL
6219 1123 ANGEL FM
6225 1007 EMERALD RADIO INTERNATIONAL
6229 1007 JOLLY ROGER RADIO
6239 0818 BELGIAN INT RELAY SERVICE
6239 1007 RADIO MERLIN INTERNATIONAL
6250 1008 OZONE RADIO INTERNATIONAL
6280 1129 GOOD MUSIC RADIO
6295 1206 RADIO PAMELA
7294 1110 RADIO MARABU
7414 1105 FREE RADIO SERVICE HOLLAND

1994 logs from December 24th - January 8th



CONTRIBUTORS

Pirate Chat Editor
Thorsten Hallmann
Ralf Pokar
Werner Schaueremann
Neal West
Free DX
Radio Piraña International
Belgian International Relay Service

A-Z SHORTWAVE SECTION

compiled by PC Editor

All Times UTC

RADIO ABILITY is not going to be very busy on SW following the closure of their regular relay **RADIO ATLANTIS**. However, during the last two months, operator, Tony Page has been heard via **RADIO STELLA** which has unfortunately also temporarily closed down! **ABILITY** though does have FM and satellite arrangements and so the station should be audible somehow! ADD - 17 Barlborough Road, Clowne, Nr. Chesterfield, Derbyshire, England, S43 4RA.

RADIO AMSTERDAM was heard on January 2nd with a good signal on 6218. Operator, Herbie the Fish, was QSOing with WMR instead of presenting programmes on XMAS as he had been doing at Christmas.

ANGEL FM is new on SW and was heard for the first time on December 19th. The old **FREESOUND** transmitter is being used to get this station on the air and the signal here is quite good but the modulation could be higher. Still, it was good to hear **ANGEL** so busy over the Christmas days on 6219. The station is primarily active on FM but programmes are aimed at both local and international audiences with announcements in English and German. Good to hear you on air at long last! ADD - 65 Lucknow Street, Portsmouth, Hampshire, England, PO1 1PP.

RADIO ARMADILLO was heard with a brief test transmission during the festive season and various other occasional broadcasts have been heard. Reception of this station is best in Central England which could be, as the station operator recently pointed out, because of the inefficiency of the antenna used. However, we always receive good signals and hope to hear more of **ARMADILLO** during '94. ADD - 4.

RADIO ATLANTIS has closed down! Station operator, Sid Morris, claims that the station maildrop was recently visited by the authorities. Rumours suggest that the studio may have even been visited but the truth is just a little hazy concerning the situation. However, you can be sure that **ATLANTIS** will not be broadcasting in the foreseeable future on either SW or FM where the station began its life. The transmitter of power 50 watts is being offered

for sale and anybody interested should call the UK telephone number (021) 559 2589.

BELGIAN INTERNATIONAL RELAY SERVICE has adopted a 7 day a week schedule during the last two months which will hopefully continue for a long time to come. It makes a nice change to be able to wake up on a weekday with a SW pirate rather than the boring local legal station! During Christmastide, **BIRS** was heard for most of the time with two transmitters on the usual outlet of 6239 and additionally on 6300. This latter channel was intended to be 7490 but the crystal did not arrive in time to be used although the aerial was strung up ready. However, it has now arrived at the transmission site and is already in use. 819 MW may also be used in the future and from time to time as at Christmas, the **BIRS** may be relayed onto 90.80 FM via **GALAXY** which is due to make a return in February. The 6300 outlet that has been used is with a new transmitter built by **WNKR's** Dave Martin but although it is said to be 50 watts, the 20 transmitter on 6239 gives significantly better signals! Very strange how things work! The **BIRS** is open to anybody who wishes to use it and the management offer reduced rates for anybody that wishes to take out relays on a regular basis. Signals are currently very good indeed in the UK and so it may be a wise idea to take advantage of the service if you do not have your own transmitter.

ADD - 7.

RADIO BENELUX is still active from Germany about once a month with one hour programmes in the German language. Signals are sometimes quite good here in England but all depends upon the propagation. 7480 is the frequency to check. ADD - 4.

RADIO BOBBY was heard on November 21st using 6288 via a German relay.

RADIO BRIGITTE have been heard on numerous occasions during the last two months or so on a variety of frequencies and bands. Some obscure channels are sometimes used such as 6472 so it can be fairly easy to miss this Belgian broadcaster. ADD - P.O. BOX 10, 7954 ZG Rouveen, Netherlands.

BRITAIN RADIO INTERNATIONAL has been maintaining a quite busy schedule during the last two months, especially over the festive season. **BRI** was active on the usual \pm 6235 and 7360 with additional relays aired on 6229 via **JRR**. Signals seem to have suddenly improved at our location on 7 MHz which seems odd seeing as though no transmitter alterations have been made! Obviously some weird propagation at the moment. Anyway, **BRI** was heard with a variety of programmes at Christmas including a look back at some the seasonal chart toppers of previous years along with comments about novelty records not being particularly good records! The New Year's Day broadcast featured, as ever, the annual programme from **Freddy Archer** which was nice to hear. **BRI** now seem to be on the right tracks once again with maintaining a regular schedule after many months of indecision. I hope '94 will continue along the same lines as the last few months **Roger!** ADD - 1 + 3.

RADIO CAROLINE is not active every weekend nowadays but is audible on 6295 every now and again. Programmes are recorded aboard the **Ross Revenge** now anchored in the Blackwater Estuary, Essex. As ever, scores of rumours are flying around concerning **CAROLINE**, one even saying that the station has been active from the ship on 954 MW. Whether this is true or not is uncertain because very few people ever seem to know the truth behind the station. ADD - P.O. BOX 963, London, England, SW20 8XL.

CHRIS WATSON who some of you may or may not have heard of, has been carrying out various tests of late with various powers ranging from 20 - 400 watts. If you hear any blank carriers on 48 or 60 metres, **Chris** could be responsible.

CITADEL RADIO INTERNATIONAL continue to be heard on a fairly regular basis via the **BIRS** on 6239. A fair amount of mail has been received for Christmas relays which should please the people involved. Previous FM operations from this one have now been cancelled. ADD - 7.

RADIO CITY was heard on 6206 with a relay on November 21st with their first broadcast in over a year. ADD - 4.

CLANDESTINE LISTENERS CLUB GERMANY who also produce programmes under the names of **RADIO POPCORN** and **TOM'S MUSIC RADIO** have been heard on numerous occasions during the past couple of months.

SHORTWAVE NEWS

Everything is in the form of relays, aired either by **ORANG UTAN** on 6200 or **RADIO EUROPE** on 7294. ADD - P.O. BOX 540101, 47151 Duisburg, Germany.

CRAZY WAVE RADIO (WELLE WAHNSINN) were active on December 26th using 6282 and their own transmitter. This once relay station has as mentioned in this issue's "Alternative Thoughts" gone fully pirate with their own apparatus which is nice to hear. Station operator, **Chris Ise**, will not be relying on other transmitters in future and so perhaps programmes will therefore be presented live? ADD - P.O. BOX 202, 36172 Bebra, Germany. **RADIO DELMARE** from the Netherlands who began life on the MW and has tested on 6200 while mobile has now hit 76 metres. Operator, **Frank**, was active at the beginning of December with a test and QSO. Reports for this were received from France, England and Germany and reception according to **STARSHINE RADIO** was also good in Sweden. Not bad considering the **DELMARE** antenna was not functioning to its maximum capability. **Frank** intends to broadcast primarily on MW because of the difficulty in speaking good English. However, do listen out on SW and write in for the photo and information sheet available. ADD - P.O. BOX 432, 3330 AK Zwijndrecht, Netherlands.

RADIO DELTA (Elburg) returned to SW on Christmas Day with an early morning programme on 6275. It was great to hear **Jan** back on the airwaves, even if some interference did occur from **ORION** who were on the same channel. ADD - P.O. BOX 41, 8080 AA Elburg, Netherlands.

RADIO DELTA (Ruurlo) would like to broadcast more often but one of the main things stopping him from doing so is the fact that he receives so much mail! Indeed this is a good thing but what with other commitments, mail can become a little tedious at times. Anyway, station operator, **Gertie** who will hopefully be visiting me in England this summer has been heard during the last two months but the second Sunday schedule is not currently in effect. ADD - P.O. BOX 65, 7260 AB Ruurlo, Netherlands.

DELTA BRAVO has been heard a few times recently on 48 metres with QSO contacts but no form of proper programming.

DELTA LIMA 45 from Germany popped up for the first time on 48 metres on January 2nd. The station was heard in QSO with WMR and a fair signal was received here at the PC HQ.

RADIO DIAMOND from the Netherlands can be heard usually around once a month with shortwave programmes. The frequency is 6211 and continuous music is played for a couple of hours. Not too many announcements are made due to the station operator only knowing a certain amount of the English language. ADD - P.O. BOX 3037, 1780 GA Den Helder, Netherlands.

RADIO DR. TIM has been heard with more relay broadcasts during the last two or so months, mainly via ORANG UTAN on 6200. However, a couple of relays have been made by English pirate WREKIN RADIO on 12265. Response to broadcasts of DR. TIM is very encouraging: the first relay brought 48 reception reports and the second transmission in August brought 23 reports! The station studio has recently been improved and is now looking better than previously. Look out for further relays via a variety of outlets. ADD - 4.

RADIO DUTCHBOY was heard on January 9th for the first time in ages. 7295 was used which gave good reception here at our listening post. The broadcast was relatively short with a QSO request and the address. ADD - P.O. BOX 13, 7710 AA Nieuwleusen, Netherlands.

RADIO EAST COAST COMMERCIAL was active during November and December with the annual special programme on Christmas Day as well. A telephone line was available directly through to the studio and the usual fun and festivities were in full swing. Let's hope that 1994 will be a trouble-free year for this long time pirate which has had its unfair share of difficulties. ADD - K Flats, 9-11 Church Street, Cromer, Norfolk, England, NR27 9ER.

EIFELWELLE was heard along with RADIO BOBBY on November 21st but just as its counterpart, very little is known about this station.

EMERALD RADIO INTERNATIONAL from Eire can still be heard on SW with broadcasts on 6225. Signals at our location are usually very good but modulation is unfortunately not in keeping with the signal and is rather low. Programmes mainly consist of soul music. ADD - 8 Inverness Road, Dublin 8, Eire.

RADIO EXPERIMENTAL from England can be heard once in a while with very strong sounding 48 metre band QSO contacts despite only a power of about 20 watts. Operator, Gary Stevens informed me some months ago that he is quite willing to sell his transmitter and so anybody who is looking for a rig would find this ideal. The cost is only £50 which is certainly a good offer for a transmitter that I can personally say works very well indeed. Anybody interested can write to Gary via OZONE at the Victoria Road address.

RADIO FANTASY is a former German FM pirate which made it onto SW on November 28th. ADD - P.O. BOX 1137, 96118 Bischberg, Germany.

RADIO FOX is new from England and was heard testing on December 18th. 6295 was the frequency but nothing has been heard since mid-December. Signals here were quite good but speech difficult to comprehend.

RADIO FRANCIS DRAKE celebrated their second birthday on November 28th with a programme in two parts. Since they started, this station has been heard every now and again via ORANG UTAN on 6200 and a good response is usually received for the programmes aired. ADD - 4.

FREE RADIO SERVICE HOLLAND received over 70 letters for their birthday activities of October 17th, including a report from Finland giving a 44444 SINPO for the 11404 outlet! The proposed November 21st broadcast from Peter Verbruggen and friends had to be cancelled due to serious circumstances beyond immediate control! However, things went ahead on December 5th instead. Christmas though was silent as concerns FRSH although broadcasts had been planned for December 19th with a repeat on the 26th. Thanks a lot your your last letter Peter, and yes, I hope that we can remain on a friendly and just a little competitive level during years to come! ADD - P.O. BOX 2727, 6049 ZG Herten, Netherlands.

FREE RADIO SERVICE LONDON have not been too active during the last couple of months or so but they were heard twice on January 9th. 6201 and later, 6204 were used with solid signals received at our location. Programmes consist of land-based London pirate recordings and recorded announcements. No address is ever given which is a shame because I am sure

that a lot of people would like to officially report their reception of this station.

RADIO GEMINI celebrated their 21st birthday in November with programmes on 6226, giving excellent signals. It is worth noting that this station have a documentary detailing their history which is well worth getting hold of. If you write in, ask about this and other things which they have on offer. ADD - 5.

RADIO GLORIA INTERNATIONAL were heard a few times over Christmas with their \pm 20 watt transmitter. Good signals were received here on 6210 and 6255. ADD - 5.

GOOD MUSIC RADIO is a new British addition to 48 metres and was heard for the first time on January 8th. This station is also on FM running 100 watts in comparison with the 25 watts used on SW. A second broadcast was made on January 16th, using 6280 which was also used on the 8th. To contact the station, you can call (0850) 750002 or write to them. ADD - GMR Towers, Beccles, Suffolk, England.

HEAVY DUDE RADIO celebrated their first birthday during November with programmes on 6210. HDR is active around once a month on this channel beaming fairish signals into the UK. ADD - Kännäsvägen 13D:220 22646 Lund, Sweden.

INTERNATIONAL MUSIC RADIO who experienced an astounding response for their first broadcast back on October 31st, have been heard a few more times recently on 6200. Programmes are aired with good signals via ORANG UTAN. The operator of this station did tell me that he would be appearing on 1630 MW but nothing has been heard to date. Perhaps somebody could send some further information? ADD - Yves, P.O. BOX 1948, 4007 Basel, Switzerland.

RADIO JIMMY INTERNATIONAL from the Netherlands has been pretty quiet on SW during the last months but has been heard on the odd occasion. ADD - P.O. BOX 102, 7360 AC Beekbergen, Netherlands.

JOLLY ROGER RADIO should soon be sounding quite a lot better on 6229. Roger Davis of BRI has built a new modulator for the station which will, in theory, increase the JRR modulation output from 60% to 100%! The plan was to have this new set-up working for Christmas but due to temporary problems this could not be so. However, do listen out for an improved sounding JRR. ADD - P.O. BOX 39, Waterford, Eire.

RADIO KONTAKT from the Netherlands has been heard on SW again during the last two months. The transmitter is only low power as on MW but signals are fairly good. ADD - c/o DPRS.

LEVEL 48 have more marathon transmission planned with each station involved running their transmitter for at least two hours. RADIO CHARLINE has recently departed from the LEVEL 48 organisation but the latest recruits are RADIO ILLUSION and CRAZY WAVE along with all of the others such as STAR CLUB, PFBS, SUD WEST RADIO and so forth. ADD - 2.

LIVE WIRE RADIO was heard a few times over the festive season with both programmes and QSOs. As ever, signals are astounding here and when Bill turned down his power to an announced 1 watt on December 25th, the signal was still very good! Either little lies are being told or the LWR set-up really is very efficient! It was nice to hear the station active in the early hours of Wednesday 29th December with a full programme on 3910 and a style of music different from the usual. Please note the new station address. ADD - 6.

RADIO LONDON INTERNATIONAL was nice and busy over Christmas and into the New Year with a variety of relays, mainly via the BIRS but also via WMR. In total, three different programmes were heard at all times of the day and night which were aired on 6209, 3945, 6239, 6300, 1575 and 90.80! The FM outlet was beamed at Essex and the MW at Scotland! Station manager, Andy Winter was heard with a lot of talk, which on the WMR relay nearly resulted in giving Jack Russel a nervous breakdown! One of the BIRS relays listed the SW Free Radio logs for Christmas which we had the pleasure of helping out with. During 1994 you can expect to hear this station more active than during '93 due to the services of the BIRS. Also, perhaps Andy will start to receive more letters with the use now of the Chelmsford drop. ADD - 5 + 7.

RADIO LOWLAND INTERNATIONAL can still be heard every now and again but not too regularly, on 6285. The signals are always very strong at our location and, in general, throughout Europe. ADD - P.O. BOX 39, 2300 AA Leiden, Netherlands.

RADIO MARABU are still active mainly via the BIRS on 6239 with their alternative music programmes which make for good listening. The occasional JRR relay on 6229 can also be heard but the BIRS are this station's main outlet nowadays. ADD - 4.

RADIO MATA HARI returned to the airwaves during the festive season with some Christmassy programmes. Some excellent sound effects and strange voices were heard on the humorous show which was aired on 76 metres. ADD - 4.

RADIO MERLIN INTERNATIONAL has recently carried out some live transmissions on 6239 and 6300 via the BIRS. Paul Watt has been heard on several occasions and in several variable intoxicated states with some pretty interesting programmes! A mobile generator has recently been obtained meaning that RMI can go anywhere and broadcast from anywhere! I always enjoy hearing RMI live and hope that 1994 will give a lot more of this type of broadcasting from the station. ADD - 7.

RADIO METEOR from the Netherlands can be heard using SW some weekends. The lower end of 48 metres, around 6200 is a favourite place of broadcasting for operator, Jean. ADD - P.O. BOX 71, 7720 AB Dalfsen, Netherlands.

RADIO MIKE from the Netherlands were heard over Christmas using 6525. This was the first broadcast in some time from this station and was heard as far afield as Norway. ADD - P.O. BOX 2188, 3000 CD Rotterdam, Netherlands.

RADIO MOONLIGHT is the new name for a Dutch pirate that was busted by the RCD some months ago. Only low power is currently being used and previous MW activities from the operator have now been abandoned because of the raid. However, on shortwave the station has been heard on both 76 and 48 metres. It's good to hear you back on the airwaves Mr. Moonlight! ADD - P.O. BOX 102, 7360 AC Beekbergen, Netherlands.

RADIO NORTHSEA INTERNATIONAL could be closing down due to according to something we heard recently but this is not concrete information. Anyway, the station has been heard during the last couple of months on the usual 6252 and was due to be active via ORANG UTAN on January 16th but nothing was heard. ADD - 4.

FREE RADIO NORWAY has appeared on the bands during the last couple of months and is one of only a very few stations to be broadcasting from this country. This operation is running its own transmitter of roughly 100 watts and has been heard on several occasions recently. ADD - 4.

NOT RADIO FAX made an appearance on 76 metres on December 28th just before 0000. Signal in England was fairly good.

OPTIMOD has been heard during the last months with more programmes via the BIRS on 6239. This media magazine show is quite interesting to listen to and has been quite useful in obtaining new subscribers for us here at PCI. ADD - 7.

RADIO ORANG UTAN who have been carrying a large amount of relays recently, have unfortunately been raided. On January 16th at around 1000, the broadcasting site was visited by officials, making this the fourth time that ORANG UTAN has been caught. This has probably happened as a result of the considerable activity from Freddy during the last few months with numerous German relays. Whereas his station used to only be heard once or twice a month, the 150 watt transmitter has been more or less red hot of late with many hours of broadcasting. Hopefully, it should not be too long before ORANG UTAN returns to the airwaves but next time, less relays and less activity would be a better idea. As a result of the bust, we have already heard that RADIO WAHNSINN who were being relayed on a regular basis, have switched to use of the BIRS on 6239. ADD - P.O. BOX 114, 7040 AC s'Heerenberg, Netherlands.

RADIO ORION returned to the airwaves on December 24th after a considerable absence. Mike Wilson was heard with his alternatively humorous thoughts on 6275 and with a look back at an old Paul Johnson tape. 'The Big O' was also active on Christmas Day and December 30th. Mike still does not seem too inspired by the current Free Radio situation but as ever, his programmes and a good laugh to listen to. ADD - 6 Worcester Street, Wolverhampton, West Midlands, England WV2 4LD + 7.

OVERFLOW INTERNATIONAL, the FM pirate from the county of Essex have been heard on SW on numerous occasions recently. Some programmes have simply been hijacked from

the FM service but some have been especially aimed at SW and aired by the BIRS on 6239. Some very interesting music is played, making a change from the standard pirate formats. Presenters making the station interesting to listen to include Garry Lee and David Lee. ADD - 7.

OZONE RADIO INTERNATIONAL do not seem too settled just lately and have adopted a style of changing frequency rather a lot! Following their move away from 6280 some months back, down to 6277, things seem to have gone haywire. 6280 is now perfectly clear and so perhaps it would be a good idea for OZONE to return to this channel on a regular basis rather than swop around between 6210, 6250, 6270 and so forth. ADD - 1.

RADIO PACMAN has been active during the last two months with SW broadcasts, mainly on the 41 metre band. Power is riding at about 6 watts and the SWR of the station is very low thus meaning that the antenna being used is extremely efficient. This helps to explain the rather good signals received from the station in England and at our location. If you want to hear this station, one time to listen out is after SUBTERRANEAN SOUNDS closes on a Sunday at 1200 on 7410. ADD - P.O. BOX 103, 8120 AC Olst, Netherlands.

RADIO PAMELA has been as busy as ever during the last couple of months but future plans that operator, Steve Most had, have unfortunately had to be squashed. Steve was planning to continue broadcasting on Sunday mornings with a possible regular service on 5871. He was also planning to introduce a German service. However, a recent complaint has been received regarding interference from the PAMELA transmitter. Therefore, plans have been abandoned. The station may be audible on a Saturday afternoon from an alternative location but as regards Sunday transmissions, the best we can hope for is a relay or two. ADD - 7.

RADIO PANDORA was heard on January 1st on 6209 via WMR. A very good signal was heard here for the programme from Steve St. John and several nice plugs for some magazine called Pirate Chat?! Concerning activity with the station's own transmitter, this should go ahead in future months. In November though, Steve had problems when he connected the power leads to the battery

the wrong way round. This did some damage to the inverter but nevertheless, RADIO PANDORA should be on air soon! A second transmitter may also be purchased for use on 11420 so do listen out! ADD - 4.

RADIO PARADISE from Germany was heard using 6282 on December 5th. This station was probably being relayed just as many other SW German pirates nowadays are. ADD - 4.

PEACE IN ACTION from Germany has been heard on shortwave since the last issue of PC with a relay via JRR on 6229. ADD - 4.

RADIO PERFEKT whose operator does not speak English has been heard with more relay transmission recently. These can be heard via a variety of stations including RWI and ORANG UTAN. ADD - 4.

KURZWELLEN MUSIKSTATION
IM 41 UND 48 METERBAND

RADIO PERFEKT

POST BOX 386 5900 AJ VENLO
NIEDERLANDE

RADIO PIRANA INTERNATIONAL was very active over the festive season with many hours of more or less continual broadcasting. It certainly is nice to hear this station so busy on a variety of bands. 76 metres is the favourite broadcasting location of Jorge Garcia but he can also be heard fairly regularly on 48 metres. Transmitter power is currently 80 watts but plans to increase up to 150 watts could become reality in this new year. Also in 1994, weekday broadcasts might continue as from February or March and weekend broadcasts may begin from as early as 1600. Response to broadcasts during 1993 was very pleasing with ±100 letters with a high proportion being received from stateside, including both South and North America! Signals from PIRANA at our location are sometimes very good and reception is made easier when SSB is used. ADD - 4.

PIRATE FREAKS BROADCASTING SERVICE was heard during November in QSO mode on 76 metres. Unfortunately, nothing was heard at Christmas from this fine German

station. This is in stark contrast to a couple of years back when I remember high activity levels from Pirate Andy and crossband QSOs with WMR. ADD - 2.

PIRATE RADIO BOSTON was heard with a relay on 3915 on December 11th. It is unclear as to who was airing the programme but it is known that the SWEDISH SW RELAY SERVICE were not the perpetrator! Anyway, it was nice to hear some US Free Radio on 76 metres for a change. ADD - P.O. BOX 146, Stoneham, 02180 MA, USA.

RAINBOW RADIO GERMANY were active on November 6th for the first time in ages. RADIO STELLA was used for a relay on 7446, 3910 and 11416 which coincided with an unofficial relay on 7460! ADD - P.O. BOX 202, 36172 Bebra, Germany.

RADIO REFLEX continues to be heard every now and again on either 6236/7 or 6270. Signals in the UK are very good from this powerful Dutch pirate and are difficult to miss. ADD - P.O. BOX 59, 7260 AB Ruurlo, Netherlands.

ROMANTIC SPACE RADIO were heard via RWI on January 2nd using 7484 and 11401. ADD - P.O. BOX 29, 109444 Moscow, Russia / DPRS.

RADIO SAFARI INTERNATIONAL from Scandinavia has been heard on SW a few more times during the last two months. Station operator, Bruce Sailor has been busy on a relay basis and hopes to continue activity on 48 and 76 metres during 1994. ADD - 4.

RADIO SANTANA was heard using 6555 at Christmas by one of our friends in Norway. Not at all bad considering that only low power is used by this Dutch QSOer. ADD - P.O. BOX 46, 7160 AB Neede, Netherlands.

RADIO SCOTTISH MONTREAL (CRSM) from the USA continues to be audible in Europe via the BIRS on 6239. ADD - P.O. BOX 109, Blue Ridge Summit, PA 17214, USA.

RADIO SELECT from the Netherlands has been heard several times of late using frequencies around 6215. Signals are fairly good into the UK and Germany. ADD - P.O. BOX 51, 6671 CA Zetten, Netherlands.

SIERRA FOXTROT ZERO THREE has been heard during the last two months with more QSO contacts. Signals are now often very good here from the station that used to be frequently inaudible with many people. Whenever WMR,

LWR or GLORIA is about, you can expect to hear SF63.

SOUTHERN MUSIC RADIO has been relayed fairly regularly by RADIO WAVES INTERNATIONAL during 1993 but now the new year is here and RWI is due to close, SMR is also making changes. 1994 will see this New Zealand pirate relayed via the BELGIAN INTERNATIONAL RELAY SERVICE. The station operator is, however, on the look out for other one-off relays via European and especially Dutch stations. The music format on SMR is 100% down under tunes which certainly make a change from the outputs of a lot of SW Free Radio stations. ADD - 3 & 7.

STAR CLUB RADIO, one of the stations that comprises LEVEL 48 has been heard during the last two months with more of their own programmes. You can hear SCR both with their own equipment and via other stations, primarily ORANG UTAN. On December 19th, it was announced that a new 500 watt transmitter would soon be purchased and used on the third weekend of January. Nothing heard as yet. ADD - 4.

STARSHINE RADIO celebrated their first birthday during December with a programme on 76 metres. This is where the station can be heard quite often with fairly good signals into the UK. ADD - c/o DPRS.

RADIO STELLA INTERNATIONAL's Jock Wilson has been experiencing just a slight problem recently. He blew up all three of his SW transmitters! Time of return for RSI is unsure at present but it could be some time during the spring. Frequencies to watch are 3945, 7446 and 11416 as usual. ADD - 82 Pentland Place, Kircaldy, Fife, Scotland.

SUBTERRANEAN SOUNDS continues to be active most Sundays on \pm 7410 from 1100 - 1200. Modulation has just been improved and is sounding better than before just below the point of distortion. Tests were carried out with Andy Winter and Steve Midnight on January 2nd after a programme and QSO with RADIO PACMAN. Operator, Mr. Midnight, hopes to get a new power supply soon which will mean that broadcasts may be significantly longer than previously. The Sunday morning regular schedule has been proving popular with a high standard of response but Steve has now stopped weekly broadcasts and plans a return to 76 metres. ADD - 1.

SUD WEST RADIO were active on December 25th using 6278. According to one of our correspondents in Germany, the broadcast started off as LEVEL 48 but later turned into SWR ADD - P.O. BOX 1243, 6685 Schiffweiler, Germany.

SUNSHINE RADIO were heard using 6200 via ORANG UTAN on November 28th with a programme of roughly 60 minutes duration. There appears to be two stations currently using this name which is rather confusing. ADD - P.O. BOX 114, 7040 AC s'Sheerenberg, Netherlands.

SWR SWITZERLAND

Your programmes can now be heard via a transmitter of output 10,000 watts AM / 30,000 watts USB! Superb signals can be heard all over Europe, North Africa and the Middle East on 7125 kHz. For further details of a service not to be missed, write to: P.O. BOX 35, CH-6027 Romerswil, Switzerland.

RADIO TELSTAR has been heard during the last two months with the odd test transmission on 48 metres. Don't forget that this station is actually RADIO REFLEX and that this ID is used when tests are being made. P.O. BOX 59, 7260 AB Ruurlo, Netherlands.

RADIO TITANIC INTERNATIONAL was busy with a relay onto 6200 on Sunday December 19th. As many German stations nowadays, RTI seems to be taking advantage more and more of relay offers rather than using own equipment. ADD - 4.

RADIO TORNADO is the second station to have come out of Lithuania recently and is run by the same person as BALTIC COAST RADIO. The very first broadcast from this relay station was aired via RADIO DELMARE in the Netherlands using 80 watts on November 6th. Following that relay, another show was aired twice by JRR on 6229 and a final programme was aired via DELMARE's MW outlet on November 7th. RADIO TORNADO was born because although Lithuania is now a free country, no radio stations have previously been active to prove this fact. The station operator has a wide music taste and so more or less anything is likely to crop up on future programmes. A variety of extremely nice QSLs are available so do drop the station a few lines. ADD - P.O. BOX 432, 3330 AK Zwijndrecht, Netherlands + P.O. BOX 493, 5802 Klaipeda, Lithuania.

TRANSATLANTIC RADIO can be heard on either 6201 or 6266 at least once a month with fair signals in the UK. ADD - P.O. BOX 4427, 3006 AK Rotterdam, Netherlands.

RADIO USA were heard a couple of times during Christmas on 48 metres. Obviously some European relay. ADD - P.O. BOX 109, Blue Ridge Summit, PA 17214, USA.

RADIO UTOPIA from the south of England made an appearance on 76 metres at Christmas to QSO on 3925 and 3945. As stressed on air by the operator, this is the original UTOPIA and unconnected with any other station of the same name.

VOICE OF THE GOUTSUFFERERS has been heard again recently with more spoof orientated programmes which make humorous listening.

RADIO WAHNSINN which translated into English reads RADIO INSANITY, is NOT the same as WELLE WAHSINN which is actually CRAZY WAVE RADIO! RADIO WAHNSINN is a station from the late 1980s which has recently returned to SW via RADIO ORANG UTAN on 6200. I have seen this logged as RADIO VANDEN so do beware because I have a feeling that this station is going to create much confusion! ADD - 4.

RADIO WAVES INTERNATIONAL are supposed to be closing down during 1994 but not for a few months yet. 7484 is now the frequency used on 41 metres, in parallel with 11401. During November, RWI celebrated 10 years of international broadcasting, with programmes under their WORLD COMMUNICATION SERVICE identification. ADD - 3.

WEEKEND MUSIC RADIO returned to the time of several years ago during Christmas-tide last year, with many hours of superb broadcasting. WMR was extremely busy both day and night with live and taped programmes, one of which was in Spanish! Jack Russel pushed his transmitter power beyond 300 watts at times which was certainly noticeable here and throughout the rest of Europe. The signal was absolutely amazing as was the modulation and audio quality! To help Jack out during the broadcasts, various Free Radio personalities visited WMR, including Andy Walker, Bill Lewis, Jock Wilson and Dave Anderson. Altogether, it was a pleasure to hear the station broadcasting with a good mixture of music and chat, including the famous live 'phone-ins.

Participating this year on the WMR hotline were, to name a few, Chris Cortez, Chris Watson, Steve Most, Andy Winter, Jorge Garcia and Ian Page. Various frequencies were used this year including 6202, 6209, 6239, 6295 and 3945. Let's hope that next Christmas will bring the same WMR quality as that just gone. Well done Jack! ADD - 6.

WEST AND NORTH KENT RADIO's Dave Marlin has recently finished a new synthesised type transmitter that requires no crystals. It can operate on a wide range of frequencies and was put to use on a variety of channels with live programmes over the festive season. Good signals were received here. ADD - 4.

RADIO WITHOUT BORDERS INTERNATIONAL have not been as active on 76 metres during the last two months as they have been previously. A broadcast has however been heard via RW! on 7484 and 11401. ADD - P.O. BOX 29, 109444 Moscow, Russia / DPRS.

WORLD'S GREATEST ANORAK STATION were active once again, on January 2nd with live programming for the first time. Things certainly sounded much more interesting than usual when everything is on tape. 6295 was initially used which was followed by a change to the area that could be a new pirate band, 5900. The WGAS signal here was not as good but this would have been due to the antenna being cut to 6400. More live programmes from this station would be very nice to hear but on recently talking to the management, it doesn't seem as though too much live output will be made due to the greater risk factor involved. ADD - 3.

XENON TRANSMITTING COMPANY have been active a couple of times during the last two months but the most significant broadcast was aired on December 31st. This featured Tommy Teabags with a lengthy transmission of some two hours duration which is significantly longer than usual. The programme featured the alternative hits of 1993 and general talk about radio and what was heard over the festive season. I hope our call was appreciated even if it did make things rather hectic! ADD - 4.

XMAS returned to shortwave at Christmas with programmes heard on both the usual 7558 and also on 3910. As ever, this station which is operated by Herbie the Fish was airing some pretty controversial stuff which made for

alternative listening!

ADDRESSES USED FOR SHORTWAVE SECTION:

- 1) 32 Victoria Road, Salisbury, Wiltshire, England, SP1 3NG.
- 2) P.O. BOX 386, 5900 AJ Venlo, Netherlands.
- 3) B.P. 130, 92504 Rueil Malmaison, Cedex, France.
- 4) P.O. BOX 220342, 42373 Wuppertal, Germany.
- 5) P.O. BOX 293, Merlin, Ontario, Canada, NOP 1W0.
- 6) 14 Stone Row, Coleraine, County Londonderry, Northern Ireland, BT52 1EP.
- 7) P.O. BOX 1218, Chelmsford, Essex, England, CM1 4BD.

CONTRIBUTORS

Radio Armadillo
Radio Atlantis
Belgian International Relay Service
Radio Delmare
Radio Dr. Tim
Radio Experimental
Free Radio Service Holland
Radio London International
Radio Mata Hari
Radio Merlin International
Radio Moonlight
Radio Pamela
Radio Pandora
Radio Piraña International
Radio Safari International
Southern Music Radio
Radio Stella International
Subterranean Sounds
Swedish Report Service
Radio Tornado
Radio Wahnsinn
Weekend Music Radio
West and North Kent Radio
World's Greatest Anorak Station
Thorsten Halmann
Pirate Chat Editor
Half Pokar

PIRATE CHAT
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Scandinavia on air

by Jonny Augustsson

If you had told me in the beginning of 1990 that Scandinavia would become big in Free Radio I would have probably laughed at you. Today though, it is a fact and in this feature I will take a closer look at what Scandinavia can give us today.

First out in August 1992 was Radio Fusion International with music that probably had a very small audience. Therefore, a typical station for QSL hunters: listen-report-collect. In around May '93, Fusion "closed down". Jolly Jake might return to the air but if my words were law, I think that he should change his music format.

Next out in November was Heavy Dude Radio on 6200 kHz. This station has found its audience with a very crazy crew - crazy enough to produce shows that someone will listen to. What would HDR be without Mr. Goat? Listening to legal radio playing heavy rock is unbearable but Mr. Heavy Dude, Hawk and Goat make fun out of listening.

In December, the next station appeared. It was Starshine Radio with music from the golden age of rock and roll. Many stations are playing this kind of music but Kim Hawk is the only one on 76 metres. Starshine was only heard once on 41 metres and too many people connect this station with Fusion and it is for this reason that only 3 MHz broadcasts now take place. Kim has however told me that some tests have been made on 48 metres but without response. Anyway, this is certainly a station that you can tune into just for listening.

After Starshine it took a little while and we had to wait until March '93 until the next station joined the Scandinavian scene. Firstly, it was called Radio Test, a few weeks later, Moonlight and a week later, Wave Radio International. Waveman has not been known as a DJ and music deliverer. Normally, he only QSOs, perhaps with a little music. WRI has even made some "funny" tests; one was to continue the programme from St. Helena with his own just a few minutes after the Helena closedown on 11 MHz.

Waveman is very interested in antennas and can spend a week or two building one just for one single occasion. He has told me that some day real music shows will appear on Wave Radio International.

Next in '93 from Scandinavia was Channel Europe with mixed music. CE has only been relayed, via Fusion, SBC and Radio Delta, on 41, 76 and 48 metres. This station has also found its audience. The music is easy to identify and if there is nothing else on the band, the radio can stay on CE and you can sit back, relax and enjoy.

SBC appeared at the same time as Channel Europe and is the Scandinavian Broadcasting Corporation. No programmes of their own, only one test for 15 minutes with Veronica music.

PIRATE CHAT
READ IN ALL CORNERS
OF THE GLOBE

On mediumwave during July, Radio Camouflage was heard via Pirana on 1509 kHz. This is a station which I do not know much about. It is a joint project between some of the SC operators.

Another station with mostly relays appeared almost one year after Fusion and that is the Swedish Shortwave Relay Service. This one has some shows of their own but normally, Radio Safari are heard when SSRS is on air.

Radio Safari has, as I have heard, a very basic studio. This together with a lot of Swedish dance music will, unfortunately, make this station a listen-report-collect QSL station. If Safari put some feeling into his shows, I think he would be very popular.

SSRS is also playing a different style of music. Just one in the mass. But nevertheless the signal is fair here. The operator says it is about 100 watts but I think a little less, perhaps around 70 - 80 but the audio is one of the best today.

Last out in 1993 was Free Radio Norway with 100 watts. So far I don't have too much information about this one except that the audio is very good and the operator seems to be a nice chap. This might turn up to be a new number one from Scandinavia.

If you as Free Radio operators have anything going on, contact the Swedish Report Service at:

Ostra Porten 29,
S - 442 54 Ytterby,
Sweden.

Stations connected with my service are: Radio Camouflage, Channel Europe, Heavy Dude Radio, Scandinavian Broadcasting Corporation, Starshine Radio and Wave Radio International.

Well, I hope you enjoyed my little look at the expanding pirate scene of northern Europe and perhaps I will return soon with more Scandinavian features. ☐

Shortwave Xtals For Sale

£3.50 each for frequencies as follows:

6200 - 10X large black
6240 - 10XAJ cream type
6280 - 10XAJ silver large type
6290 - 10X large black type

Inquiries for the attention of Gary Stevens to:
Ozone, 32 Victoria Road, Salisbury, Wiltshire,
England, SP1 3NG.

North American Roundup

By Eric Suter
All times UTC

OCTOBER LOGS

1st	RADIO GUMBY INTERNATIONAL (on)	7465 USB	2346-2357
	Master Gumby back with more audio from old Gumby TV programmes. The transmitter continues to overheat and so the shows only last several minutes.		
2nd	RADIO AIRPLANE (ny)	7465 USB	0307-0350
	Captain Eddy DJing with rock music and talking about their upcoming first anniversary. Congratulations!		
2nd	SOLID ROCK RADIO (ny)	7465	2337-2356
	Playing country and western music this time. Still not being heard outside of the north-east that I can tell of.		
3rd	WREC (pa)	7414	0045-0121
	Radio Free East Coast relaying a programme from Radio Merlin International.		
9th	RADIO FREE SALVATION (al)	7412 USB	2252-2308
	A new pirate doing Christian music with prayers and rock music by a variety of artists with IDs and comedy between songs.		
10th	CRSM (pa)	7413	2301-2354
	Rob Roy doing a programme of music and commentary about New Zealand. Relayed by CSIC (pa).		
11th	RADIO FUSION RADIO	7461	0042-005
	A programme of rap music. Not widely reported but those who did hear it said that they received a good signal. No maildrop but has been known to QSL loggings in pirate publications.		
16th	WSM/GRAND OL OPRY RADIO (al)	7414	2302-2331
	Test transmissions of traditional country and western music.		
30th	WLIS	7415	1848-1858
	The greatest interval signals of the 60s, 70s and 80s.		
30th	RADIO BOB'S COMEDY NET (ga)	15050 USB	2000-2031
	Everyone who reported this show commented on the great signal and modulation. As usual, Bob did a programme of great comedy ads and hilarious skits.		
30th	TUBE RADIO (pa)	7425	2138-2151
	"The Halloween Special from Hell" with sound effects and seasonal music.		
30th	HE-MAN RADIO (pa)	6666.6 USB	2310-2325
	He-Man was back making fun of the female DXers in a Halloween format. Interesting choice of frequency.		
30th	RKNA	7410	2330-2342
	DJ The Old Western Fella was criticising President Clinton and playing older country and western music.		
31st	OMEGA RADIO (ny)	7466 USB	0015-0035
	DJ Dick Tator doing interviews and talk about Halloween and other satanic and religious holidays.		
31st	JOLLY ROGER INTERNATIONAL	7465	0519-0554
	Blackbeard with another late night presentation of parody and novelty music for Halloween.		

- 31st RADIO BEAVER (on) 7414 var. 1413-1454
Bucky Beaver doing a Halloween programme of tubular bells type music.
- 31st RADIO HALLOWEEN (ny) 7435 USB 1900-1925
A once a year station that shows up with seasonal music and comedy skits.
- 31st WITCH CITY RADIO (ny) 7435 USB 1900-1925
Another once a year station that usually appears over Halloween with sound effects, horror movie promos and seasonal music.
- 31st ACID 15053 2005-2018
This station seems to show up every year with a different Halloween programme. No maildrop as yet but has been known to QSL reports to hobby publications.
- 31st VOICE OF STENCH (ny) 7415 LSB 2234-2241
Eddie "Egghead" Johnson was trying to do his Halloween special but HE-MAN RADIO was on at the same time in USB making it hard to tell what was happening.
- 31st WKND (pa) 7416 2252-2325
Despite being busted twice, RADIO ANIMAL made an appearance for Halloween playing heavy metal music and movie sound tracks.
- 31st WREC 7461 2320-0006
Halloween programme of older pop/novelty music.
- 31st CSIC 7413 2325-2350
Count Rambo with his Halloween special. Different seasonal songs and poems heard but not widely reported.

MAILDROPS

- al P.O. BOX 605, Huntsville, AL 35804, USA
ga P.O. BOX 17534, Atlanta, GA 30616, USA
ny P.O. BOX 452, Wellsville, NY 14895, USA
on P.O. BOX 293, Merlin, Ontario, Canada, NOP 1W0
pa P.O. BOX 109, Blue Ridge Summit, PA 17214, USA.

As ever, all logs compiled with the help of Pirate Pages and my wife. W



Dutch Mediumwave News

by Derek Taylor

A VERY happy new year to you all!
Two favourite Dutch MW pirates made a welcome return to the band in November. Zwarte Non who has not been in the air for some time is back with a new antenna built by the Barones and has a much improved signal. Old-timer Noordzee also returned around the same time and has been heard quite often, although he does occasionally use other IDs which is a little confusing at times.

The return of these guys has helped to make the band a little busier. In fact, the weekend of the 4th and 5th of December saw 183 metres chock-a-block with dozens of pirates in QSO, going on into the early hours.

Mystery pirate Bad Company made another appearance on 182 metres recently. Also new heard recently include: Radio West, Karel Doorman (B), The Oude Vrolijke Mijnerker, Vrije Vogel (B), The Boot and the Torpedojager. Also new and logged recently on 1400 kHz is the Zender Harry. He does QSL and any reports can be sent to me at the DPRS.

The surprises continue on 183 metres. We have had a pirate from Lithuania, Radio Tornado, being relayed via Radio Delmare (B). Meanwhile, old Veronica tapes have been relayed via Santana (A) and several pirates have been heard playing tapes of other pirates! This latter trend sure seems to be on the increase of late.

Another trend which is also evident and causing much confusion is the practice of new MW pirates choosing the name of an already established and active pirate, so more and more names are being duplicated.

It is now possible to hear MW pirates from Holland virtually 24 hours a day at my location. Here in Preston they are audible late into the morning and then again from around noon! This type of reception is only possible in mid-winter.

Barones has been testing on 1400 and 1410 and 1440 recently with the first of these giving the best reception. In fact it was excellent with no interference at all!

Some bad news now concerning Radio Tijdbreker. I have just heard from Radio Orang Utan who has been speaking with the Nooitgedacht that Tijdbreker has been busted. No further details are available at the present time.

Unfortunately, we have no 'Spotlight 186' this time due to one thing and another. However, this popular feature should hopefully return in March along with more of the latest news from the Dutch MW pirate scene.

During 1994, a slightly different presentation will be seen as concerns the MW logs here in PC. By popular demand, times will once again be shown and the logger will now also be identified.



DUTCH MEDIUMWAVE NEWS LOGS

1398 ZENDER HARRY	1615	05/11	DT	1636 BARONES	2241	23/12	PC
1398 BLAUWE PIRAAT	1611	12/11	DT	1636 TOEKOMST	2244	23/12	PC
1398 MAGNET INT	0059	14/11	PC	1637 TIJDSBREKER	2240	04/11	PC
1400 BARONES	0035	14/11	PC	1637 DELMARE (B)	1724	07/11	PC
1407 NOVA 4	1847	25/11	DT	1637 TOEKOMST	2312	11/11	PC
1409 METEOR	1845	23/11	DT	1637 OUDE VROLIJKE MIJNWERKER	2346	12/11	DT
1410 BARONES	0025	14/11	PC	1637 ONBEKEND (A)	1744	13/11	DT
1604 TEXTA COWBOY	2311	05/11	DT	1637 VRIJE VOGEL	2305	21/11	PC
1606 NOORDERSTER	1538	28/11	DT	1637 CASALLERO	2327	27/11	DT
1611 WALDOLALA	1807	02/12	DT	1637 KAREL DOORMAN (B)	2331	27/11	DT
1612 ARMADA	2305	13/11	DT	1637 JOHNNY PEACON	2309	04/12	DT
1612 JAPJE DE BLITZKIKKER	0230	05/12	DT	1637 LK2	2239	04/12	DT
1620 SANTANA	2214	06/11	DT	1638 SPANNINGZOEKER	1720	04/11	PC
1629 ARMADA	2224	05/12	DT	1638 TOULOUSE (B)	1729	04/11	PC
1629 ARMADA	2328	16/12	PC	1638 MARSDIEP	2238	04/11	PC
1633 NOORDZEE	1605	13/11	PC	1638 MARSDIEP	2212	05/11	PC
1633 BAD COMPANY	2300	04/12	DT	1638 JAPJE DE SLOPER	2300	07/11	PC
1633 ESKIMO	2100	04/12	DT	1638 BARONES	2306	11/11	PC
1634 WITTE GANS	2148	09/11	DT	1638 BARONES	2221	12/11	PC
1634 MINERVA	2217	20/11	DT	1638 WEDUWE	1820	13/11	DT
1634 CURACAU	2245	20/11	DT	1638 OME JAN (C)	1709	14/11	DT
1634 STORMVOGEL	2313	16/12	PC	1638 TOULOUSE (B)	2227	14/11	DT
1634 BARONES	2301	23/12	PC	1638 BILLY DE BLUFFER	2200	10/11	DT
1635 THORELINE	1748	15/11	DT	1638 CONCORDIA	1826	18/11	DT
1635 KRISTAL	2231	01/12	DT	1638 BLONDE WEG PIRAAT	1752	19/11	DT
1636 SCHADUWJAGER	1725	04/11	PC	1638 VRIJE VOGEL (B)	2249	20/11	DT
1636 NOOITGEDACHT	1739	04/11	PC	1638 BULDOG	2324	21/11	DT
1636 TOEKOMST	2227	04/11	PC	1638 ZWARTE PEDRO	2335	22/11	DT
1636 PELIKAAN	2259	04/11	PC	1638 GOUDEN STER	2034	24/11	DT
1636 BARONES	2155	05/11	PC	1638 DE BOOT	2251	04/12	DT
1636 KAREL DOORMAN (A)	2201	05/11	PC	1638 KONTAKT	2225	05/12	DT
1636 TORNADO	1710	07/11	PC	1638 TORPEDOJAGER	2215	10/12	PC
1636 OME JAN (C)	1722	07/11	PC	1638 NOORDZEE	2329	16/12	PC
1636 TOEKOMST	2247	07/11	PC	1638 VALKENBURG	0038	09/11	DT
1636 NOOITGEDACHT	2249	07/11	PC	1638 SYLVANIA	0035	13/11	PC
1636 VERONA (B)	2225	09/11	PC	1638 CONCORDIA / STER	2112	13/11	PC
1636 UTOPIA	2315	11/11	PC	1638 BARONES	2117	13/11	PC
1636 NOOITGEDACHT	2335	11/11	PC	1638 SANTANA	2223	20/11	PC
1636 TOEKOMST	2233	12/11	PC	1638 RADIO WEST	2300	22/11	DT
1636 NOOITGEDACHT	2250	12/11	PC	1638 JAPJE DE SLOPER	2239	01/12	DT
1636 ZENDER JOHAN	1729	12/11	DT	1640 ALBATROS (A)	1804	05/11	DT
1636 ZWARTE NON	2124	13/11	PC	1640 UTOPIA	2235	08/11	PC
1636 NOOITGEDACHT	2325	13/11	PC	1640 BARONES	2216	09/11	PC
1636 KAREL DOORMAN (A)	2327	13/11	PC	1640 KLEINE MAN	2024	12/11	DT
1636 ZWARTE NON	1555	14/11	DT	1640 METEOR	1602	14/11	DT
1636 HAWAII/NOOITGEDACHT	2232	19/11	DT	1640 TUBANTIA	2333	18/11	DT
1636 ZWARTE NON	2340	19/11	PC	1640 SAMSON	2027	19/11	DT
1636 DIKKE BETTA	1747	19/11	DT	1640 GOUDEN STER	1855	20/11	PC
1636 NOORDZEE	2339	22/11	DT	1640 BARONES	2235	04/12	PC
1636 ANTONIO	2309	25/11	DT	1640 LUMIDEN	2253	04/12	DT
1636 VROLIJKE MIJNWERKER	0000	05/12	DT	1641 JAPJE DE BLITZKIKKER	1629	20/11	PC
1636 VERONA (A)	2143	02/12	DT	1642 VROLIJKE MIJNWERKER	2246	12/11	PC
1636 VROLIJKE MIJNWERKER	2104	05/12	PC	1642 GOUDEN STER	2259	12/11	PC
1636 UTOPIA	2320	19/12	PC	1642 BLACK POWER	2349	20/11	DT
1636 BARONES	2324	19/12	PC	1642 TOULOUSE (A)	2318	04/12	PC
1636 ZWARTE NON	2214	22/12	PC	1643 PEDRO	2324	23/11	PC
1636 VERONA (A)	2303	22/12	PC	1643 TOULOUSE (A)	2319	04/12	DT
1636 NOOITGEDACHT	2226	23/12	PC	1645 BREMEN	0008	04/11	PC
1636 UTOPIA	2236	23/12	PC	1645 BREMEN	0001	11/11	PC

1645 VALENCIA	2245	12/11	PC	1646 CASABLANCA	2351	12/11	DT
1645 TOULOUSE (A)	0002	14/11	PC	1647 813	2344	04/12	DT
1645 BREMEN	0052	28/11	DT	1649 TOULOUSE (A)	2349	20/11	PC
1645 KRISTAL	2300	10/12	PC	1650 CASABLANCA	2336	13/11	PC
1646 VALENCIA	2226	20/11	DT				

As the editor of Pirate Chat, I would very much like to thank every single person and Free Radio station who was kind enough to send us Christmas greetings at the end of 1993 which now seems so very long back. Many thanks to each of the following and apologies for any names that may have been accidentally omitted . . .

Bill Lewis (LWR),
 Andy Walker (WGAS),
 HTC,
 Tony Quinton,
 Andy Howlett,
 Radio Casablanca,
 Radio Delmare (B),
 Radio Silverbird International,
 Radio Meteor,
 Radio Piraña International,
 Peter Moss (Falcon),
 Zwarte Non,
 Radio Barones,
 Tommy Teabags (XTC),
 Des Francis (Nytrozone),
 Martin Deeley,
 Radio Armadillo,
 Roger Davis & Jayne (BRI),
 Michael Treanar,

Chris King (Aries),
 Dave Martin (WNKR),
 Radio Hollandia,
 Radio Diamond,
 Anthony Page,
 Radio Toulouse (B),
 Derek Taylor,
 Radio Valencia,
 Neal West,
 De Joker,
 Steve most (Pamela),
 Alan Masyga,
 NISWRS,
 Joe Vincent (JRR),
 Pedro Radio,
 Vrolijke Mijnwerker,
 Norman Nelson (RECC),
 Radio Sylvania,
 Radio Delta (Ruurlo). ■

On behalf of myself, the editor, and all involved with Pirate Chat, many thanks for your support during 1993 and please continue your much appreciated assistance during 1994.